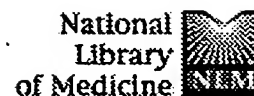


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

















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




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
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
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
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
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
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
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
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
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
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
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
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
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
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

















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


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
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
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





















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
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
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
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
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
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
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
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


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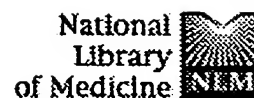
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
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
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
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
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
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
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
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
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
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
















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


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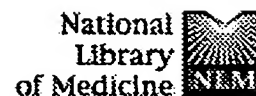
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
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
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



















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
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
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
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

















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















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















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








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
















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














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


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




















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
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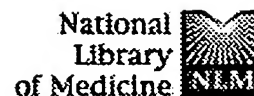
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


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
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
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
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
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
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
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
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
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
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
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








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










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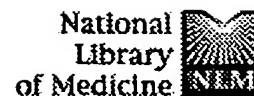
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
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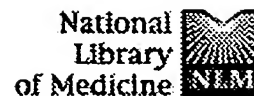
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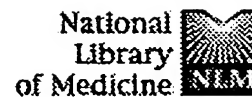
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

















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










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
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
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
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
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
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
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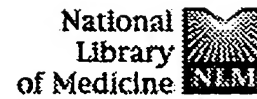
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Levels of alpha- and beta-secretase cleaved amyloid precursor protein in the cerebrospinal fluid of Alzheimer's disease patients.

Sennvik K, Fastbom J, Blomberg M, Wahlund LO, Winblad B, Benedikz E.

Division of Geriatric Medicine, Karolinska Institute, NEUROTEC, KFC NOVUM, Huddinge, Sweden.

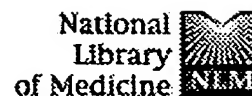
Alternative cleavage of the amyloid precursor protein (APP) results in generation and secretion of both soluble APP (sAPP) and beta-amyloid (A β). A β is the main component of the amyloid depositions in the brains of Alzheimer's disease (AD) patients. Using Western blotting, we compared the levels of alpha-secretase cleaved sAPP, beta-secretase cleaved sAPP and total sAPP, in cerebrospinal fluid (CSF) from 13 sporadic AD patients and 13 healthy controls. Our findings show significant amounts of beta-secretase cleaved sAPP in CSF. There was no statistically significant difference in the levels of beta-secretase cleaved sAPP between AD patients and controls. The levels of alpha-secretase cleaved sAPP and total sAPP were, however, found to be significantly lower in the AD patients than in the controls.

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Human aspartic protease memapsin 2 cleaves the beta-secretase site of beta-amyloid precursor protein.

Lin X, Koelsch G, Wu S, Downs D, Dashti A, Tang J.

Protein Studies Program, Oklahoma Medical Research Foundation, and Department of Biochemistry, University of Oklahoma Health Sciences Center, Oklahoma City, OK 73104, USA.

The cDNAs of two new human membrane-associated aspartic proteases, memapsin 1 and memapsin 2, have been cloned and sequenced. The deduced amino acid sequences show that each contains the typical pre, pro, and aspartic protease regions, but each also has a C-terminal extension of over 80 residues, which includes a single transmembrane domain and a C-terminal cytosolic domain. Memapsin 2 mRNA is abundant in human brain. The protease domain of memapsin 2 cDNA was expressed in *Escherichia coli* and was purified. Recombinant memapsin 2 specifically hydrolyzed peptides derived from the beta-secretase site of both the wild-type and Swedish mutant beta-amyloid precursor protein (APP) with over 60-fold increase of catalytic efficiency for the latter. Expression of APP and memapsin 2 in HeLa cells showed that memapsin 2 cleaved the beta-secretase site of APP intracellularly. These and other results suggest that memapsin 2 fits all of the criteria of beta-secretase, which catalyzes the rate-limiting step of the *in vivo* production of the beta-amyloid (A β) peptide leading to the progression of Alzheimer's disease. Recombinant memapsin 2 also cleaved a peptide derived from the processing site of presenilin 1, albeit with poor kinetic efficiency. Alignment of cleavage site sequences of peptides indicates that the specificity of memapsin 2 resides mainly at the S(1)' subsite, which prefers small side chains such as Ala, Ser, and Asp.

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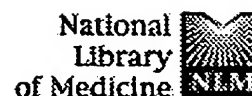
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















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
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
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
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
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












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
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


















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














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
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
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

















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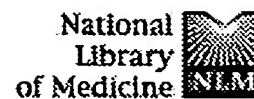
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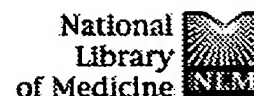
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
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
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
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














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
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
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
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
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
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
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
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
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








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Cellular and molecular basis of beta-amyloid precursor protein metabolism.


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PMID: 10702374 [PubMed - indexed for MEDLINE]

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[Related Articles, Links](#)



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[Related Articles, Links](#)



Beta-secretase cleavage of Alzheimer's amyloid precursor protein by the transmembrane aspartic protease BACE.
Science. 1999 Oct 22;286(5440):735-41.
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=> S BACE OR BACE1 OR Asp2 OR memapsin 2
26 FILES SEARCHED...
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L1      6784 BACE OR BACE1 OR ASP2 OR MEMAPSIN 2

=> S L1 AND ALzheimers disease
14 FILES SEARCHED...
25 FILES SEARCHED...
43 FILES SEARCHED...
57 FILES SEARCHED...
L2      180 L1 AND ALZHEIMERS DISEASE

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=> D L3 1-170

L3      ANSWER 1 OF 170  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN      2005:13016  SCISEARCH
GA      The Genuine Article (R) Number: 878FN
TI      beta-Amyloid protein converting enzyme 1 and brain-specific type II
membrane protein BRI3: binding partners processed by furin
AU      Wickham L; Benjannet S; Marcinkiewicz E; Chretien M; Seidah N G (Reprint)
CS      Clin Res Inst Montreal, Biochem Neuroendocrinol Lab, 110 Pine Ave W,
Montreal, PQ H2W 1R7, Canada (Reprint); Clin Res Inst Montreal, Biochem
Neuroendocrinol Lab, Montreal, PQ H2W 1R7, Canada; Ottawa Hlth Res Inst,
Reg Prot Chem Ctr, Dis Ageing Unit, Ottawa, ON, Canada
CYA     Canada
SO      JOURNAL OF NEUROCHEMISTRY, (JAN 2005) Vol. 92, No. 1, pp. 93-102.
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,
OXON, ENGLAND.
ISSN: 0022-3042.
DT      Article; Journal
LA      English
REC     Reference Count: 50
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L3      ANSWER 2 OF 170  IFIPAT  COPYRIGHT 2005 IFI on STN DUPLICATE 1
AN      10646819  IFIPAT;IFIUDB;IFICDB
TI      COMPOUNDS
IN      Geppert Martin; Harper Alexander James; Harrison Steve Mark; Prosser
Haydn
PA      Unassigned Or Assigned To Individual (68000)
PI      US 2004154049  A1  20040805
AI      US 2002-223837  20020820
PRAI    GB 2001-203421  20010821
        GB 2001-267326  20011111
FI      US 2004154049  20040805
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
CLMN    16
GI      2 Figure(s).
FIG. 1 this describes in pictorial form the cloning strategy used to form
the vector IRES beta-gal
FIG. 2 the results show expression of LacZ and hence the transgene in
knockout mice where LacZ was expressed under the control of the
endogenous ***Asp2*** promoter (a and b) and in the overexpressor
transgenic mice of the invention (d and e). The figure also demonstrates
that no LacZ expression was seen in Wild Type mice (c).

L3      ANSWER 3 OF 170  CAPLUS  COPYRIGHT 2005 ACS on STN
AN      2004:965253  CAPLUS
DN      141:410968
TI      Preparation of pyrazolyltetraazafluorenes for treatment or prevention of
Alzheimer's disease.
IN      Harris, William; John, Derek Edward; Firth-Clark, Stuart
PA      De Novo Pharmaceuticals Limited, UK
```

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004096808	A1	20041111	WO 2004-GB1761	20040427
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI GB 2003-9657 A 20030428
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:934243 CAPLUS
DN 141:388738
TI Methods and compositions for diagnosing, preventing, and treating Alzheimer's disease
IN Tanzi, Rudolph E.; Tesco, Giuseppina; Koh, Young Ho
PA The General Hospital Corporation, USA
SO U.S. Pat. Appl. Publ., 44 pp.
CODEN: USXXCO

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004219610	A1	20041104	US 2004-801087	20040315
PRAI	US 2003-454828P	P	20030314		
	US 2003-479165P	P	20030617		

L3 ANSWER 5 OF 170 USPATFULL on STN
AN 2004:126971 USPATFULL
TI Crystal structure of beta site APP cleaving enzyme (***BACE***) and methods of use thereof
IN Vuillard, Laurent Michel Marie, Cambridge, UNITED KINGDOM
Patel, Sahil Joe, Cambridge, UNITED KINGDOM
Yon, Jeffrey Roland, Cambridge, UNITED KINGDOM
Cleasby, Anne, Cambridge, UNITED KINGDOM
Hamilton, Bruce John, Cambridge, UNITED KINGDOM
Shah, Aleem, Cambridge, UNITED KINGDOM

PI US 2004096950 A1 20040520
AI US 2003-627473 A1 20030725 (10)
PRAI US 2002-398681P 20020726 (60)

DT Utility
FS APPLICATION

LN.CNT 9132

INCL INCLM: 435/184.000
INCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/184.000
NCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200

IC [7]
ICM: C12N009-99
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 170 USPATFULL on STN
AN 2004:122953 USPATFULL
TI Use of small molecule radioligands to discover inhibitors of amyloid-beta peptide production and for diagnostic imaging
IN Zaczek, Robert, Avondale, PA, United States
Olson, Richard E., Wilmington, DE, United States
Seiffert, Dietmar A., Boothwyn, PA, United States
Thompson, Lorin A., Wilmington, DE, United States
PA Bristol-Myers Squibb Company, Princeton, NJ, United States (U.S. corporation)

AI US 2000-573789 20000517 (9)
RLI Continuation-in-part of Ser. No. US 1999-438901, filed on 12 Nov 1999,
now patented, Pat. No. US 6331408
PRAI US 1999-131284P 19990427 (60)
US 1998-108147P 19981112 (60)
DT Utility
FS GRANTED
LN.CNT 3675
INCL INCLM: 424/009.200
INCLS: 424/001.110; 424/001.650; 424/001.810; 424/009.100
NCL NCLM: 424/009.200
NCLS: 424/001.110; 424/001.650; 424/001.810; 424/009.100
IC [7]
ICM: A61K049-00
EXF 424/1.11; 424/9.1; 424/9.2; 424/1.65; 514/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
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AN 2005:11155 SCISEARCH
GA The Genuine Article (R) Number: 878XL
TI Dimerization of beta-site beta-amyloid precursor protein-cleaving enzyme
AU Westmeyer G G; Willem M (Reprint); Lichtenthaler S F; Lurman G; Multhaup
G; Assafalg-Machleidt I; Reiss K; Saftig P; Haass C
CS Univ Munich, Lab Alzheimers & Parkinsons Dis Res, Dept Biochem, Adolf
Butenandt Inst, Schillerstr 44, D-80336 Munich, Germany (Reprint); Univ
Munich, Lab Alzheimers & Parkinsons Dis Res, Dept Biochem, Adolf Butenandt
Inst, D-80336 Munich, Germany; Free Univ Berlin, Inst Biochem, D-14195
Berlin, Germany; Univ Kiel, Dept Biochem, D-24098 Kiel, Germany
CYA Germany
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (17 DEC 2004) Vol. 279, No. 51, pp.
53205-53212.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 67
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L3 ANSWER 8 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
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AN 2004:1077410 SCISEARCH
GA The Genuine Article (R) Number: 876JT
TI Altered amyloid-beta metabolism and deposition in genomic-based
beta-secretase transgenic mice
AU Chiocco M J; Kulnane L S; Younkin L; Younkin S; Evin G; Lamb B T (Reprint)
CS Case Western Reserve Univ, Dept Genet, 10900 Euclid Ave, Cleveland, OH
44106 USA (Reprint); Case Western Reserve Univ, Dept Genet, Cleveland, OH
44106 USA; Univ Hosp Cleveland, Cleveland, OH 44106 USA; Mayo Clin
Jacksonville, Jacksonville, FL 32224 USA; Univ Melbourne, Dept Pathol,
Parkville, Vic 3010, Australia
CYA USA; Australia
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (10 DEC 2004) Vol. 279, No. 50, pp.
52535-52542.
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PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 55
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L3 ANSWER 9 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
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AN 2004:922867 SCISEARCH
GA The Genuine Article (R) Number: 862QJ
TI Association of gamma-secretase with lipid rafts in post-golgi and endosome
membranes
AU Vetrivel K S; Cheng H P; Lin W; Sakurai T; Li T; Nukina N; Wong P C; Xu H
A; Thinakaran G (Reprint)
CS Univ Chicago, Dept Neurobiol Pharmacol & Physiol, Chicago, IL 60637 USA
(Reprint); Univ Chicago, Comm Neurobiol, Chicago, IL 60637 USA; RIKEN,
Brain Sci Inst, Lab Neurodegenerat Signal, Saitama 3510198, Japan; RIKEN,
Brain Sci Inst, Lab Struct Neuropathol, Saitama 3510198, Japan; Johns

Ctr Neurosci & Aging, La Jolla, CA 92037 USA
 CYA USA; Japan
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (22 OCT 2004) Vol. 279, No. 43, pp. 44945-44954.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 76
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L3 ANSWER 10 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:802899 SCISEARCH
 GA The Genuine Article (R) Number: 851KN
 TI Processing amyloid precursor protein at the beta-site requires proper orientation to be accessed by ***BACE1***
 AU Qahwash I; He W X; Tomasselli A; Kletzien R F; Yan R Q (Reprint)
 CS Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, 9500 Euclid Ave, Cleveland, OH 44195 USA (Reprint); Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, Cleveland, OH 44195 USA; Pharmacia Corp, Cell & Mol Biol, Kalamazoo, MI 49007 USA; Pharmacia Corp, Prot Sci, Kalamazoo, MI 49007 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (10 SEP 2004) Vol. 279, No. 37, pp. 39010-39016.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 38
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 11 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:1033852 SCISEARCH
 GA The Genuine Article (R) Number: 8680G
 TI A system for enhancing genome-wide coexpression dynamics study
 AU Li K C (Reprint); Liu C T; Sun W; Yuan S S; Yu T W
 CS Univ Calif Los Angeles, Dept Stat, 8125 Math Sci Bldg, Los Angeles, CA 90095 USA (Reprint); Univ Calif Los Angeles, Dept Stat, Los Angeles, CA 90095 USA
 CYA USA
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2 NOV 2004) Vol. 101, No. 44, pp. 15561-15566.
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.
 ISSN: 0027-8424.
 DT Article; Journal
 LA English
 REC Reference Count: 48
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 12 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:260410 SCISEARCH
 GA The Genuine Article (R) Number: 800TK
 TI Cleavage of amyloid-beta precursor protein and amyloid-beta precursor-like protein by ***BACE*** 1
 AU Li Q M; Sudhof T C (Reprint)
 CS Univ Texas, SW Med Ctr, Dept Mol Genet, Ctr Basic Neurosci, Dallas, TX 75390 USA (Reprint); Univ Texas, SW Med Ctr, Howard Hughes Med Inst, Dallas, TX 75390 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (12 MAR 2004) Vol. 279, No. 11, pp. 10542-10550.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 58
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

on STN
AN 2004:506973 SCISEARCH
GA The Genuine Article (R) Number: 822GW
TI Fluorescent-conjugated polymer superquenching facilitates highly sensitive detection of proteases
AU Kumaraswamy S; Bergstedt T; Shi X B; Rininsland F; Kushon S; Xia W S; Ley K; Achyuthan K; McBranch D; Whitten D (Reprint)
CS QTL Biosyst, 2778 Agua Fria ST, Santa Fe, NM 87507 USA (Reprint); QTL Biosyst, Santa Fe, NM 87507 USA
CYA USA
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (18 MAY 2004) Vol. 101, No. 20, pp. 7511-7515.
Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.
ISSN: 0027-8424.
DT Article; Journal
LA English
REC Reference Count: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 14 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:1078939 SCISEARCH
GA The Genuine Article (R) Number: 875GX
TI Identification of a small molecule nonpeptide active site beta-secretase inhibitor that displays a nontraditional binding mode for aspartyl proteases
AU Coburn C A (Reprint); Stachel S J; Li Y M; Rush D M; Steele T G; Chen-Dodson E; Holloway M K; Xu M; Huang Q; Lai M T; DiMuzio J; Crouthamel M C; Shi X P; Sardana V; Chen Z G; Munshi S; Kuo L; Makara G M; Annis D A; Tadikonda P K; Nash H M; Vacca J P; Wang T
CS Merck Res Labs, Dept Med Chem, W Point, PA 19486 USA (Reprint); Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA; Merck Res Labs, Dept Biol Struct & Mol Syst, W Point, PA 19486 USA; NeoGenesis Pharmaceut, Dept Chem, Cambridge, MA 02139 USA
CYA USA
SO JOURNAL OF MEDICINAL CHEMISTRY, (2 DEC 2004) Vol. 47, No. 25, pp. 6117-6119.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0022-2623.
DT Article; Journal
LA English
REC Reference Count: 25
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 15 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
AN 2004:1040048 CAPLUS
DN 142:35493
TI Demonstration of ***BACE*** (.beta.-secretase) phosphorylation and its interaction with GGA1 in cells by fluorescence-lifetime imaging microscopy
AU von Arnim, Christine A. F.; Tangredi, Michelle M.; Peltan, Ithan D.; Lee, Bonny M.; Irizarry, Michael C.; Kinoshita, Ayae; Hyman, Bradley T.
CS Alzheimer Disease Research Laboratory, Harvard Medical School, Massachusetts General Hospital, Charlestown, MA, 02129, USA
SO Journal of Cell Science (2004), 117(22), 5437-5445
CODEN: JNCSAI; ISSN: 0021-9533
PB Company of Biologists Ltd.
DT Journal
LA English
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:923995 SCISEARCH
GA The Genuine Article (R) Number: 858VC
TI Modeling the protonation states of the catalytic aspartates in beta-secretase
AU Rajamani R; Reynolds C H (Reprint)
CS Johnson & Johnson Pharmaceut R&D, Welsh & McKean Rd, POB 776, Spring House, PA 19477 USA (Reprint); Johnson & Johnson Pharmaceut R&D, Spring House, PA 19477 USA
CYA USA
SO JOURNAL OF MEDICINAL CHEMISTRY, (7 OCT 2004) Vol. 47, No. 21, pp. 5159-5166.

DT ISSN: 0022-2623.
 LA Article; Journal
 REC English
 Reference Count: 59
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 17 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:389420 SCISEARCH
 GA The Genuine Article (R) Number: 814IH
 TI Flap position of free ***memapsin*** ***2*** (beta-secretase), a
 model for flap opening in aspartic protease catalysis
 AU Hong L; Tang J (Reprint)
 CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,
 OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,
 Oklahoma City, OK 73104 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem &
 Mol Biol, Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK 73104
 USA
 CYA BIOCHEMISTRY, (27 APR 2004) Vol. 43, No. 16, pp. 4689-4695.
 SO Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
 ISSN: 0006-2960.
 DT Article; Journal
 LA English
 REC Reference Count: 24
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 18 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:942704 SCISEARCH
 GA The Genuine Article (R) Number: 862RD
 TI The APP intracellular domain forms nuclear multiprotein complexes and
 regulates the transcription of its own precursor
 AU von Rotz R C; Kohli B M; Bosset J; Meier M; Suzuki T; Nitsch R M;
 Konietzko U (Reprint)
 CS Univ Zurich, Div Psychiat Res, August Forel Str 1, CH-8008 Zurich,
 Switzerland (Reprint); Univ Zurich, Div Psychiat Res, CH-8008 Zurich,
 Switzerland; Hokkaido Univ, Sch Pharmaceut Sci, Neurosci Lab, Kita Ku,
 Sapporo, Hokkaido 0600812, Japan
 CYA Switzerland; Japan
 SO JOURNAL OF CELL SCIENCE, (1 SEP 2004) Vol. 117, No. 19, pp. 4435-4448.
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL
 PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.
 ISSN: 0021-9533.
 DT Article; Journal
 LA English
 REC Reference Count: 64
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 19 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:376167 CAPLUS
 DN 141:137369
 TI Age-dependent neurodegeneration and Alzheimer-Amyloid plaque formation in
 transgenic Drosophila
 AU Greeve, Isabell; Kretzschmar, Doris; Tschaepe, Jakob-Andreas; Beyn, Anika;
 Brellinger, Claire; Schweizer, Michaela; Nitsch, Roger M.; Reifegerste,
 Rita
 CS Center for Molecular Neurobiology, University of Hamburg, Hamburg, 20251,
 Germany
 SO Journal of Neuroscience (2004), 24(16), 3899-3906
 CODEN: JNRSDS; ISSN: 0270-6474
 PB Society for Neuroscience
 DT Journal
 LA English
 RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:268035 SCISEARCH
 GA The Genuine Article (R) Number: 800ZD
 TI Differential utilization of upstream AUGs in the beta-secretase mRNA
 suggests that a shunting mechanism regulates translation
 AU Rogers G W; Edelman G M; Mauro V P (Reprint)
 CS Scripps Res Inst, Dept Neurobiol, 10550 N Torrey Pines Rd, La Jolla, CA

USA; Scripps Res Inst, Skaggs Inst Chem Biol, La Jolla, CA 92037 USA
 CYA USA
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2 MAR 2004) Vol. 101, No. 9, pp. 2794-2799.
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.
 ISSN: 0027-8424.
 DT Article; Journal
 LA English
 REC Reference Count: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 21 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:323355 SCISEARCH
 GA The Genuine Article (R) Number: 807FK
 TI Translational regulation of ***BACE*** -1 expression in neuronal and non-neuronal cells
 AU Tonelli D D; Mihailovich M; Di Cesare A; Codazzi F; Grohovaz F; Zacchetti D (Reprint)
 CS San Raffaele Sci Inst, Dept Neurosci, Cellular Neurophysiol Unit, Via Olgettina 58, I-20132 Milan, Italy (Reprint); San Raffaele Sci Inst, Dept Neurosci, Cellular Neurophysiol Unit, I-20132 Milan, Italy; Vita Salute San Raffaele Univ, I-20132 Milan, Italy
 CYA Italy
 SO NUCLEIC ACIDS RESEARCH, (MAR 2004) Vol. 32, No. 5, pp. 1808-1817.
 Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.
 ISSN: 0305-1048.
 DT Article; Journal
 LA English
 REC Reference Count: 53
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 22 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:972937 SCISEARCH
 GA The Genuine Article (R) Number: 865XF
 TI beta-site amyloid precursor protein cleaving enzyme 1 increases amyloid deposition in brain parenchyma but reduces cerebrovascular amyloid angiopathy in aging ***BACE*** x APP[V7171] double-transgenic mice
 AU Willem M; Dewachter I; Smyth N; Van Dooren T; Borghgraef P; Haass C; Van Leuven F (Reprint)
 CS Katholieke Univ Leuven, EGG, LEGT, Expt Genet Grp, Dept Human Genet, Campus Gasthuisberg O&N 06, B-3000 Louvain, Belgium (Reprint); Katholieke Univ Leuven, EGG, LEGT, Expt Genet Grp, Dept Human Genet, B-3000 Louvain, Belgium; Univ Munich, Dept Biochem, Lab Alzheimers & Parkinsons Dis Res, Munich, Germany; Univ Munich, Adolf Butenandt Inst, Munich, Germany; Univ Cologne, Ctr Biochem, Cologne, Germany
 CYA Belgium; Germany
 SO AMERICAN JOURNAL OF PATHOLOGY, (NOV 2004) Vol. 165, No. 5, pp. 1621-1631.
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3993 USA.
 ISSN: 0002-9440.
 DT Article; Journal
 LA English
 REC Reference Count: 45
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 23 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:291519 SCISEARCH
 GA The Genuine Article (R) Number: 804YM
 TI KMI-358 and KMI-370, highly potent and small-sized ***BACE1*** inhibitors containing phenylnorstatine
 AU Kimura T; Shuto D; Kasai S; Liu P; Hidaka K; Hamada T; Hayashi Y; Hattori C; Asai M; Kitazume S; Saido T C; Ishiura S; Kiso Y (Reprint)
 CS Kyoto Pharmaceut Univ, Ctr Frontier Res Med Sci, Dept Med Chem, Yamashina Ku, Kyoto 6078412, Japan (Reprint); Univ Tokyo, Grad Sch Arts & Sci, Dept Life Sci, Meguro Ku, Tokyo 1538902, Japan; RIKEN, Frontier Res Syst, Suprabiomol Syst Grp, Glycochain Funct Lab, Wako, Saitama 3510198, Japan; RIKEN, Brain Sci Inst, Lab Proteolyt Neurosci, Wako, Saitama 35101, Japan
 CYA Japan
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (22 MAR 2004) Vol. 14, No. 6, pp. 1527-1531.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,

ISSN: 0960-894X.
DT Article; Journal
LA English
REC Reference Count: 15
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 24 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:537018 SCISEARCH
GA The Genuine Article (R) Number: 825XM
TI In vivo inhibition of A beta production by ***memapsin*** ***2***
(beta-secretase) inhibitors
AU Chang W P; Koelsch G; Wong S; Downs D; Da H N; Weerasena V; Gordon B;
Devasamudram T; Bilcer G; Ghosh A K; Tang J (Reprint)
CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,
OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,
Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK USA; Univ
Oklahoma, Coll Med, Oklahoma City, OK 73190 USA; Oklahoma Med Res Fdn,
Dept Comparat Med, Oklahoma City, OK 73104 USA; Univ Illinois, Dept Chem,
Chicago, IL 60680 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol
Biol, Oklahoma City, OK 73190 USA
CYA USA
SO JOURNAL OF NEUROCHEMISTRY, (JUN 2004) Vol. 89, No. 6, pp. 1409-1416.
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,
OXON, ENGLAND.
ISSN: 0022-3042.
DT Article; Journal
LA English
REC Reference Count: 27
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 25 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:197674 SCISEARCH
GA The Genuine Article (R) Number: 774UK
TI X11 alpha impairs gamma- but not beta-cleavage of amyloid precursor
protein
AU King G D; Cherian K; Turner R S (Reprint)
CS Vet Affairs Ann Arbor Healthcare Syst, Ctr Geriatr Res Educ & Clin, 2215
Fuller Rd, Ann Arbor, MI 48105 USA (Reprint); Vet Affairs Ann Arbor
Healthcare Syst, Ctr Geriatr Res Educ & Clin, Ann Arbor, MI 48105 USA;
Univ Michigan, Inst Gerontol, Ann Arbor, MI 48109 USA; Univ Michigan, Dept
Neurol, Ann Arbor, MI 48109 USA; Univ Michigan, Program Neurosci, Ann
Arbor, MI 48109 USA
CYA USA
SO JOURNAL OF NEUROCHEMISTRY, (FEB 2004) Vol. 88, No. 4, pp. 971-982.
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,
OXON, ENGLAND.
ISSN: 0022-3042.
DT Article; Journal
LA English
REC Reference Count: 65
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 26 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:807811 SCISEARCH
GA The Genuine Article (R) Number: 851AZ
TI Reticulon family members modulate ***BACE1*** activity and
amyloid-beta peptide generation
AU He W X; Lu Y F; Qahwash I; Hu X Y; Chang A S; Yan R Q (Reprint)
CS Cleveland Clin Fdn, Lerner Res Inst, Dept Neurosci, 9500 Euclid Ave,
Cleveland, OH 44195 USA (Reprint); Cleveland Clin Fdn, Lerner Res Inst,
Dept Neurosci, Cleveland, OH 44195 USA; Pharmacia Corp, Kalamazoo, MI
49007 USA
CYA USA
SO NATURE MEDICINE, (SEP 2004) Vol. 10, No. 9, pp. 959-965.
Publisher: NATURE PUBLISHING GROUP, 345 PARK AVE SOUTH, NEW YORK, NY
10010-1707 USA.
ISSN: 1078-8956.
DT Article; Journal
LA English
REC Reference Count: 36
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

on STN
 AN 2004:108223 SCISEARCH
 GA The Genuine Article (R) Number: 764MT
 TI Transcriptional regulation of ***BACE1*** , the beta-amyloid precursor
 protein beta-secretase, by Sp1
 AU Christensen M A; Zhou W H; Qing H; Lehman A; Philipsen S; Song W H
 (Reprint)
 CS Univ British Columbia, Brain Res Ctr, Dept Psychiat, 2255 Wesbrook Mall,
 Vancouver, BC V6T 1Z3, Canada (Reprint); Univ British Columbia, Brain Res
 Ctr, Dept Psychiat, Vancouver, BC V6T 1Z3, Canada; Erasmus Univ, Dept Cell
 Biol, NL-3000 DR Rotterdam, Netherlands
 CYA Canada; Netherlands
 SO MOLECULAR AND CELLULAR BIOLOGY, (JAN 2004) Vol. 24, No. 2, pp. 865-874.
 Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
 USA.
 ISSN: 0270-7306.
 DT Article; Journal
 LA English
 REC Reference Count: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 28 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:133951 SCISEARCH
 GA The Genuine Article (R) Number: 768PC
 TI beta-secretase activity increases with aging in human, monkey, and mouse
 brain
 AU Fukumoto H; Rosene D L; Moss M B; Raju S; Hyman B T; Irizarry M C
 (Reprint)
 CS Massachusetts Gen Hosp E, Alzheimer Dis Res Unit, Dept Neurol, 114 16th
 St, Charlestown, MA 02129 USA (Reprint); Massachusetts Gen Hosp E,
 Alzheimer Dis Res Unit, Dept Neurol, Charlestown, MA 02129 USA; Boston
 Univ, Sch Med, Dept Anat & Neurobiol, Boston, MA 02215 USA; Emory Univ,
 Yerkes Reg Primate Res Ctr, Atlanta, GA 30322 USA
 CYA USA
 SO AMERICAN JOURNAL OF PATHOLOGY, (FEB 2004) Vol. 164, No. 2, pp. 719-725.
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,
 BETHESDA, MD 20814-3993 USA.
 ISSN: 0002-9440.
 DT Article; Journal
 LA English
 REC Reference Count: 48
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 29 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:543169 SCISEARCH
 GA The Genuine Article (R) Number: 826MT
 TI Conformational flexibility of beta-secretase: molecular dynamics
 simulation and essential dynamics analysis
 AU Xiong B; Huang X Q; Shen L L; Shen J H (Reprint); Luo X M; Shen X; Jiang H
 L; Chen K X
 CS Chinese Acad Sci, Shanghai Inst Biol Sci, Shanghai Inst Mat Med, State Key
 Lab Drug Res, Drug Discovery & Design Ctr, Shanghai 201203, Peoples R
 China (Reprint)
 CYA Peoples R China
 SO ACTA PHARMACOLOGICA SINICA, (JUN 2004) Vol. 25, No. 6, pp. 705-713.
 Publisher: ACTA PHARMACOLOGICA SINICA, 294 TAI-YUAN ROAD, SHANGHAI 200031,
 PEOPLES R CHINA.
 ISSN: 1671-4083.
 DT Article; Journal
 LA English
 REC Reference Count: 31
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 30 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:717304 CAPLUS
 TI The potential for ***BACE1*** inhibitors in the treatment of
 Alzheimer's disease
 AU Hussain, Ishrut
 CS Neurodegeneration Research, Neurology and GI Centre of Excellence for Drug
 Discovery, GlaxoSmithKline Research and Development Ltd, Harlow, CM19 5AW,
 UK
 SO IDrugs (2004), 7(7), 653-658
 CODEN: IDRUFN; ISSN: 1369-7056

DT Journal; General Review

LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 31 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2004:380365 SCISEARCH

GA The Genuine Article (R) Number: 812PW

TI ***BACE*** (beta-secretase) modulates the processing of APLP2 in vivo

AU Pastorino L; Ikin A F; Lamprianou S; Vacaresse N; Revelli J P; Platt K;

Paganetti P; Mathews P M; Harroch S; Buxbaum J D (Reprint)

CS Mt Sinai Sch Med, Dept Psychiat, 1 Gustave L Levy Pl, Box 1668, New York, NY 10029 USA (Reprint); Mt Sinai Sch Med, Dept Psychiat, New York, NY 10029 USA; Inst Pasteur, Unite Neurovirol & Regenerat Syst Nerveux, Paris, France; Lexicon Genet, The Woodlands, TX 77381 USA; Novartis Pharma AG, Nervous Syst, CH-4002 Basel, Switzerland; Nathan S Kline Inst Psychiat Res, Orangeburg, NY 10962 USA; Mt Sinai Sch Med, Dept Neurobiol, New York, NY 10029 USA

CYA USA; France; Switzerland

SO MOLECULAR AND CELLULAR NEUROSCIENCE, (APR 2004) Vol. 25, No. 4, pp. 642-649.

Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE.1900, SAN DIEGO, CA 92101-4495 USA.

ISSN: 1044-7431.

DT Article; Journal

LA English

REC Reference Count: 45

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 32 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2004:136136 SCISEARCH

GA The Genuine Article (R) Number: 769DQ

TI Rational design and synthesis of selective ***BACE*** -1 inhibitors

AU Brady S F; Singh S; Crouthamel M C; Holloway M K; Coburn C A; Garsky V M;

Bogusky M; Pennington M W; Vacca J P; Hazuda D; Lai M T (Reprint)

CS Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA (Reprint); Merck Res Labs, Dept Med Chem, W Point, PA 19486 USA; Bachem Biosci Inc, King Of Prussia, PA 19406 USA

CYA USA

SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (9 FEB 2004) Vol. 14, No. 3, pp. 601-604.

Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND.

ISSN: 0960-894X.

DT Article; Journal

LA English

REC Reference Count: 29

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 33 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2004:151975 SCISEARCH

GA The Genuine Article (R) Number: 770AA

TI Splice variants: A homology modeling approach

AU Furnham N; Ruffle S; Southan C (Reprint)

CS Oxford Glycosci UK Ltd, Forum, 86 Milton Pk, Abingdon OX14 4RY, Oxon, England (Reprint); Oxford Glycosci UK Ltd, Abingdon OX14 4RY, Oxon, England; Univ Exeter, Sch Biol & Chem Sci, Exeter EX4 4QJ, Devon, England

CYA England

SO PROTEINS-STRUCTURE FUNCTION AND GENETICS, (15 FEB 2004) Vol. 54, No. 3, pp. 596-608.

Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 USA.

ISSN: 0887-3585.

DT Article; Journal

LA English

REC Reference Count: 28

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 34 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2004:635025 SCISEARCH

GA The Genuine Article (R) Number: 835QI

inhibitors of beta-secretase
 AU Middendorp O (Reprint); Luthi U; Hausch F; Barberis A
 CS ESBATech AG, CH-8952 Zurich, Switzerland (Reprint)
 CYA Switzerland
 SO BIOLOGICAL CHEMISTRY, (JUN 2004) Vol. 385, No. 6, pp. 481-485.
 Publisher: WALTER DE GRUYTER & CO, GENTHINER STRASSE 13, D-10785 BERLIN,
 GERMANY.
 ISSN: 1431-6730.
 DT Article; Journal
 LA English
 REC Reference Count: 31
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 35 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:508940 SCISEARCH
 GA The Genuine Article (R) Number: 822LY
 TI Insights into the phosphoregulation of beta-secretase sorting signal by
 the VHS domain of GGA1
 AU Shiba T; Kametaka S; Kawasaki M; Shibata M; Waguri S; Uchiyama Y;
 Wakatsuki S (Reprint)
 CS High Energy Accelerator Res Org, Inst Mat Struct Sci, Photon Factory,
 Struct Biol Res Ctr, Tsukuba, Ibaraki 3050801, Japan (Reprint); Osaka
 Univ, Grad Sch Med, Dept Cell Biol & Neurosci, Suita, Osaka 5650871, Japan
 CYA Japan
 SO TRAFFIC, (JUN 2004) Vol. 5, No. 6, pp. 437-448.
 Publisher: BLACKWELL MUNKSGAARD, 35 NORRE SOGADE, PO BOX 2148, DK-1016
 COPENHAGEN, DENMARK.
 ISSN: 1398-9219.
 DT Article; Journal
 LA English
 REC Reference Count: 42
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 36 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:595086 SCISEARCH
 GA The Genuine Article (R) Number: 831QX
 TI Letter to the Editor: Backbone resonance assignments of the 45.3 kDa
 catalytic domain of human ***BACE1***
 AU Liu D J (Reprint); Wang Y S; Gesell J J; Wilson E; Beyer B M; Wyss D F
 CS Schering Plough Corp, Res Inst, Dept Struct Chem, 2015 Galloping Hill Rd,
 Kenilworth, NJ 07033 USA (Reprint); Schering Plough Corp, Res Inst, Dept
 Struct Chem, Kenilworth, NJ 07033 USA
 CYA USA
 SO JOURNAL OF BIOMOLECULAR NMR, (JUL 2004) Vol. 29, No. 3, pp. 425-426.
 Publisher: KLUWER ACADEMIC PUBL; VAN GODEWIJCKSTRAAT 30, 3311 GZ
 DORDRECHT, NETHERLANDS.
 ISSN: 0925-2738.
 DT Article; Journal
 LA English
 REC Reference Count: 10

L3 ANSWER 37 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:281738 SCISEARCH
 GA The Genuine Article (R) Number: 803SZ
 TI Transgenic ***BACE*** expression in mouse neurons accelerates amyloid
 plaque pathology
 AU Mohajeri M H (Reprint); Saini K D; Nitsch R M
 CS Univ Zurich, Div Psychiat Res, August Forel Str 1, CH-8008 Zurich,
 Switzerland (Reprint); Univ Zurich, Div Psychiat Res, CH-8008 Zurich,
 Switzerland
 CYA Switzerland
 SO JOURNAL OF NEURAL TRANSMISSION, (MAR 2004) Vol. 111, No. 3, pp. 413-425.
 Publisher: SPRINGER-VERLAG WIEN, SACHSENPLATZ 4-6, PO BOX 89, A-1201
 VIENNA, AUSTRIA.
 ISSN: 0300-9564.
 DT Article; Journal
 LA English
 REC Reference Count: 28
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 38 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN

GA The Genuine Article (R) Number: 8600C
 TI Apo and inhibitor complex structures of ***BACE*** (beta-secretase)
 AU Patel S; Vuillard L; Cleasby A; Murray C W; Yon J (Reprint)
 CS Astex Technol, 436 Cambridge Sci Pk, Milton Rd, Cambridge CB4 0QA, England
 (Reprint); Astex Technol, Cambridge CB4 0QA, England
 CYA England
 SO JOURNAL OF MOLECULAR BIOLOGY, (15 OCT 2004) Vol. 343, No. 2, pp. 407-416.
 Publisher: ACADEMIC PRESS LTD ELSEVIER SCIENCE LTD, 24-28 OVAL RD, LONDON
 NW1 7DX, ENGLAND.
 ISSN: 0022-2836.
 DT Article; Journal
 LA English
 REC Reference Count: 50
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 39 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:670308 SCISEARCH
 GA The Genuine Article (R) Number: 840XL
 TI Long-term accumulation of amyloid-beta, beta-secretase, presenilin-1, and
 caspase-3 in damaged axons following brain trauma
 AU Chen X H; Siman R; Iwata A; Meaney D F; Trojanowski J Q; Smith D H
 (Reprint)
 CS Univ Penn, Sch Med, Dept Neurosurg, 105C Hayden Hall, 3320 Smithwalk,
 Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Dept Neurosurg,
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Pharmacol,
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Bioengn,
 Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Pathol & Lab Med,
 Philadelphia, PA 19104 USA
 CYA USA
 SO AMERICAN JOURNAL OF PATHOLOGY, (AUG 2004) Vol. 165, No. 2, pp. 357-371.
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,
 BETHESDA, MD 20814-3993 USA.
 ISSN: 0002-9440.
 DT Article; Journal
 LA English
 REC Reference Count: 80
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 40 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:69642 SCISEARCH
 GA The Genuine Article (R) Number: 760YC
 TI P3 cap modified Phe]-Ala series ***BACE*** inhibitors
 AU Chen S H (Reprint); Lamar J; Guo D Q; Kohn T; Yang H C; McGee J; Timm D;
 Erickson J; Yip Y; May P; McCarthy J
 CS Eli Lilly & Co, Lilly Res Labs, Discovery Chem Div & Technol, Lilly Corp
 Ctr, Indianapolis, IN 46285 USA (Reprint)
 CYA USA
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (5 JAN 2004) Vol. 14, No. 1, pp.
 245-250.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
 ISSN: 0960-894X.
 DT Article; Journal
 LA English
 REC Reference Count: 28
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 41 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:69641 SCISEARCH
 GA The Genuine Article (R) Number: 760YC
 TI Phe]-Ala-based pentapeptide mimetics are ***BACE*** inhibitors: P2 and
 P3SAR
 AU Lamar J; Hu J D; Bueno A B; Yang H C; Guo D Q; Copp J D; McGee J; Gitter
 B; Timm D; May P; McCarthy J; Chen S H (Reprint)
 CS Eli Lilly & Co, Lilly Res Labs, Lilly Corp Ctr, Indianapolis, IN 46285 USA
 (Reprint)
 CYA USA
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (5 JAN 2004) Vol. 14, No. 1, pp.
 239-243.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
 ISSN: 0960-894X.

LA English
REC Reference Count: 26
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 42 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:287424 SCISEARCH
GA The Genuine Article (R) Number: 803LU
TI A general procedure for the purification of human beta-secretase expressed
in Escherichia coli
AU Sardana V (Reprint); Xu B; Zugay-Murphy J; Chen Z G; Sardana M; Darke P L;
Munshi S; Kuo L C
CS Merck Res Labs, Dept Biol Struct, W Point, PA 19486 USA (Reprint); Merck
Res Labs, Dept Biol Chem, W Point, PA 19486 USA
CYA USA
SO PROTEIN EXPRESSION AND PURIFICATION, (APR 2004) Vol. 34, No. 2, pp.
190-196.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 1046-5928.
DT Article; Journal
LA English
REC Reference Count: 25
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 43 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:75349 SCISEARCH
GA The Genuine Article (R) Number: 762MM
TI Mutant presenilins specifically elevate the levels of the 42 residue
beta-amyloid peptide in vivo: evidence for augmentation of a 42-specific
gamma secretase
AU Jankowsky J L; Fadale D J; Anderson J; Xu G M; Gonzales V; Jenkins N A;
Copeland N G; Lee M K; Younkin L H; Wagner S L; Younkin S G; Borchelt D R
(Reprint)
CS Johns Hopkins Univ, Sch Med, Dept Pathol, 558 Ross Res Bldg, 720 Rutland
Ave, Baltimore, MD 21205 USA (Reprint); Johns Hopkins Univ, Sch Med, Dept
Pathol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch Med, Dept
Neurosci, Baltimore, MD 21205 USA; Mayo Clin Jacksonville, Jacksonville,
FL 32224 USA; Merck Res Labs, La Jolla, CA 92037 USA; NCI, Mouse Canc
Genet Program, Frederick Canc Res & Dev Ctr, Frederick, MD 21702 USA;
Neurogenet Inc, La Jolla, CA 92037 USA
CYA USA
SO HUMAN MOLECULAR GENETICS, (15 JAN 2004) Vol. 13, No. 2, pp. 159-170.
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.
ISSN: 0964-6906.
DT Article; Journal
LA English
REC Reference Count: 80
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 44 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:243575 SCISEARCH
GA The Genuine Article (R) Number: 780BD
TI Design and synthesis of hydroxyethylene-based peptidomimetic inhibitors of
human beta-secretase
AU Hom R K; Gailunas A F; Mamo S; Fang L Y; Tung J S; Walker D E; Davis D;
Thorsett E D; Jewett N E; Moon J B; John V (Reprint)
CS Elan, 800 Gateway Blvd, San Francisco, CA 94080 USA (Reprint); Elan, San
Francisco, CA 94080 USA; Pfizer Corp, Kalamazoo, MI 49007 USA
CYA USA
SO JOURNAL OF MEDICINAL CHEMISTRY, (1 JAN 2004) Vol. 47, No. 1, pp. 158-164.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0022-2623.
DT Article; Journal
LA English
REC Reference Count: 22
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 45 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2004:286851 SCISEARCH
GA The Genuine Article (R) Number: 802QO
TI A beta 5-secretase (***BACE1***) inhibitor hispidin from the mycelial

AU Park I H; Jeon S Y; Lee H J; Kim S I; Song K S (Reprint)
 CS Kyungpook Natl Univ, Coll Agr & Life Sci, Div Appl Biol & Chem, 1370
 Sankyuk Dong, Taegu 702701, South Korea (Reprint); Kyungpook Natl Univ,
 Coll Agr & Life Sci, Div Appl Biol & Chem, Taegu 702701, South Korea
 CYA South Korea
 SO PLANTA MEDICA, (FEB 2004) Vol. 70, No. 2, pp. 143-146.
 Publisher: GEORG THIEME VERLAG KG, RUDIGERSTR 14, D-70469 STUTTGART,
 GERMANY.
 ISSN: 0032-0943.
 DT Article; Journal
 LA English
 REC Reference Count: 24
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 46 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:781950 SCISEARCH
 GA The Genuine Article (R) Number: 849EO
 TI Amyloid precursor protein compartmentalization restricts beta-amyloid
 production - Therapeutic targets based on ***BACE***
 compartmentalization
 AU Gandhi S; Refolo L M; Sambamurti K (Reprint)
 CS Med Univ S Carolina, Charleston, SC 29425 USA (Reprint); Inst Study Aging,
 New York, NY USA
 CYA USA
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (AUG 2004) Vol. 24, No. 1, pp. 137-143.
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ
 07512 USA.
 ISSN: 0895-8696.
 DT Article; Journal
 LA English
 REC Reference Count: 35
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 47 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:356397 SCISEARCH
 GA The Genuine Article (R) Number: 810BO
 TI Down syndrome and beta-amyloid deposition
 AU Head E (Reprint); Lott I T
 CS Univ Calif Irvine, Inst Brain Aging & Dementia, Dept Neurol, 1259
 Gillespie Neurosci Res Facil, Irvine, CA 92697 USA (Reprint); Univ Calif
 Irvine, Inst Brain Aging & Dementia, Dept Neurol, Irvine, CA 92697 USA;
 Univ Calif Irvine, Dept Pediat, Mental Retardat Ctr, Irvine, CA 92717 USA
 CYA USA
 SO CURRENT OPINION IN NEUROLOGY, (APR 2004) Vol. 17, No. 2, pp. 95-100.
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
 19106-3621 USA.
 ISSN: 1350-7540.
 DT Article; Journal
 LA English
 REC Reference Count: 62
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 48 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:435265 CAPLUS
 TI Rational Design of Peptidomimetic ***BACE1*** Inhibitors Through
 Iterative Structure-Based Approach
 AU Fan, Kristi; Hu, Baihua; Kristie, Bridges; Cole, Derek; Manas, Eric;
 Chopra, Rajiv; Katz, Alan H.; Alvarez, Juan; Jin, Guixiang; Cowling,
 Rebecca; Bard, Jonathan
 CS Chemical and Screening Sciencies, Wyeth Research, Monmouth Junction, NJ,
 08852, USA
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,
 Indianapolis, IN, United States, June 2-4 (2004), INV-078 Publisher:
 American Chemical Society, Washington, D. C.
 CODEN: 69FMAU
 DT Conference; Meeting Abstract

L3 ANSWER 49 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:435264 CAPLUS
 TI Design of ***BACE*** Inhibitors Using Structural and Statistical Tools
 AU Erickson, Jon
 CS Computational Chemistry, Eli Lilly, Indianapolis, IN, 46285, USA
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,

American Chemical Society, Washington, D. C.
 CODEN: 69FMAU
 DT Conference; Meeting Abstract

L3 ANSWER 50 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:435263 CAPLUS
 TI Modeling the Active Site of Beta-Secretase
 AU Reynolds, Charles H.; Rajamani, Ramkumar; Tounge, Brett A.
 CS Computer-aided Drug Discovery, Johnson & Johnson Pharmaceutical Research
 and Development, L.L.C., Spring House, PA, 19477, USA
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,
 Indianapolis, IN, United States, June 2-4 (2004), INV-076 Publisher:
 American Chemical Society, Washington, D. C.
 CODEN: 69FMAU
 DT Conference; Meeting Abstract

L3 ANSWER 51 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:435262 CAPLUS
 TI Structure Based Design of Inhibitors of Human Brain ***Memapsin***
 2 (beta-Secretase)
 AU Ghosh, Arun K.
 CS Chemistry, University of Illinois at Chicago, Chicago, IL, 60607, USA
 SO Abstracts, 36th Central Regional Meeting of the American Chemical Society,
 Indianapolis, IN, United States, June 2-4 (2004), INV-075 Publisher:
 American Chemical Society, Washington, D. C.
 CODEN: 69FMAU
 DT Conference; Meeting Abstract

L3 ANSWER 52 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:833373 SCISEARCH
 GA The Genuine Article (R) Number: 853EC
 TI Yeast growth selection system for the identification of cell-active
 inhibitors of beta-secretase
 AU Middendorp O; Ortler C; Neumann U; Paganetti P; Luthi U; Barberis A
 (Reprint)
 CS ESBATech AG, Wagistr 21, CH-8952 Zurich, Switzerland (Reprint); ESBATech
 AG, CH-8952 Zurich, Switzerland; Novartis Inst Biomed Res, Neurosci Res,
 CH-4002 Basel, Switzerland
 CYA Switzerland
 SO BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, (6 SEP 2004) Vol. 1674,
 No. 1, pp. 29-39.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM;
 NETHERLANDS.
 ISSN: 0304-4165.
 DT Article; Journal
 LA English
 REC Reference Count: 42
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 53 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:469279 SCISEARCH
 GA The Genuine Article (R) Number: 821TQ
 TI Increased beta-secretase activity and expression in rats following
 transient cerebral ischemia
 AU Wen Y; Onyewuchi O; Yang S H; Liu R; Simpkins J W (Reprint)
 CS Univ N Texas, Hlth Sci Ctr, Dept Pharmacol & Neurosci, 3500 Camp Bowie
 Blvd, Ft Worth, TX 76107 USA (Reprint); Univ N Texas, Hlth Sci Ctr, Dept
 Pharmacol & Neurosci, Ft Worth, TX 76107 USA
 CYA USA
 SO BRAIN RESEARCH, (29 MAY 2004) Vol. 1009, No. 1-2, pp. 1-8.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
 NETHERLANDS.
 ISSN: 0006-8993.
 DT Article; Journal
 LA English
 REC Reference Count: 50
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 54 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:415373 SCISEARCH
 GA The Genuine Article (R) Number: 816KM
 TI Gene structure and organization of the human beta-secretase (***BACE***

AU Sāmbamurti K; Kinsey R; Maloney B; Ge Y W; Lahiri D K (Reprint)
 CS 791 N Union Dr, Indianapolis, IN 46206 USA (Reprint); Med Univ S Carolina,
 Charleston, SC 29425 USA; Indiana Univ, Sch Med, Inst Psychiat Res, Dept
 Psychiat, Indianapolis, IN 46202 USA; Indiana Univ, Sch Med, Inst Psychiat
 Res, Dept Med & Mol Genet, Indianapolis, IN 46202 USA
 CYA USA
 SO FASEB JOURNAL, (APR 2004) Vol. 18, No. 6.
 Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD
 20814-3998 USA.
 ISSN: 0892-6638.
 DT Article; Journal
 LA English
 REC Reference Count: 41
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 55 OF 170 IMSDRUGNEWS COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2003:521 IMSDRUGNEWS
 TITLE: ***memapsin*** ***2*** inhibitors, Zapaq Zapaq
 developing Alzheimer's disease therapy
 SOURCE: R&D Focus Drug News (10 Feb 2003).
 WORD COUNT: 75

L3 ANSWER 56 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
 AN 2003:696606 CAPLUS
 DN 139:225484
 TI Doubly transgenic mice overexpressing human .beta.-secretase and human
 amyloid precursor protein (APP) London mutant and uses thereof
 IN Jacobsen, Helmut; Mosbach-Ozmen, Laurence; Nelboeck-Hochstetter, Peter
 PA Germany
 SO U.S. Pat. Appl. Publ., 46 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003167486	A1	20030904	US 2003-372730	20030224
	EP 1340424	A1	20030903	EP 2003-3183	20030219
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PT, SE, SI, SK, TR				
	JP 2003299490	A2	20031021	JP 2003-55597	20030303
PRAI	EP 2002-4331	A	20020301		

L3 ANSWER 57 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4
 AN 2003:261103 CAPLUS
 DN 138:266846
 TI Transgenic animals models of Alzheimer's disease with mutant human amyloid
 precursor protein and screening anti-Alzheimer's agents
 IN Harper, Alexander James
 PA SmithKline Beecham P.L.C., UK
 SO Brit. UK Pat. Appl., 26 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2380196	A1	20030402	GB 2002-19386	20020820
PRAI	GB 2001-20344	A	20010821		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 58 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5
 AN 2003:150589 CAPLUS
 DN 138:182058
 TI Transgenic animal model of Alzheimer's disease
 IN Geppert, Martin; Harper, Alexander James; Harrison, Steve Mark; Prosser,
 Hayon
 PA Smithkline Beecham PLC, UK
 SO Eur. Pat. Appl., 15 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

PI	EP 1285578	A2	20030226	EP 2002-78428	20020820
	EP 1285578	A3	20030917		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	US 2004154049	A1	20040805	US 2002-223837	20020820
PRAI	GB 2001-20342	A	20010821		
	GB 2001-26723	A	20011107		

L3 ANSWER 59 OF 170 USPATFULL on STN
AN 2003:334996 USPATFULL
TI Assay method
IN Small, David Henry, Ashburton, AUSTRALIA
Subasinghe, Supundi, Endeavour Hills, AUSTRALIA
Aguilar, Marie-Isabel, Warrandyte, AUSTRALIA
PI US 2003235872 A1 20031225
AI US 2003-465444 A1 20030619 (10)
PRAI WO 2002-AU3064 20020620
US 2002-392761P 20020701 (60)

DT Utility
FS APPLICATION
LN.CNT 1304
INCL INCLM: 435/007.200
INCLS: 435/287.200
NCL NCLM: 435/007.200
NCLS: 435/287.200
IC [7]

ICM: G01N033-53
ICS: G01N033-567; C12M001-34

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 60 OF 170 USPATFULL on STN
AN 2003:276720 USPATFULL
TI Cysteine mutants and methods for detecting ligand binding to biological molecules
IN McDowell, Robert S., San Francisco, CA, UNITED STATES
Flanagan, W. Michael, Menlo Park, CA, UNITED STATES
PI US 2003194745 A1 20031016
AI US 2002-214419 A1 20020805 (10)
RLI Continuation-in-part of Ser. No. US 2001-981547, filed on 17 Oct 2001, PENDING Division of Ser. No. US 1998-105372, filed on 26 Jun 1998, GRANTED, Pat. No. US 6335155 Continuation-in-part of Ser. No. US 2001-990421, filed on 21 Nov 2001, PENDING Continuation-in-part of Ser. No. US 2002-121216, filed on 10 Apr 2002, PENDING
PRAI US 2001-310725P 20010807 (60)

DT Utility
FS APPLICATION
LN.CNT 3109
INCL INCLM: 435/007.100
INCLS: 702/019.000
NCL NCLM: 435/007.100
NCLS: 702/019.000
IC [7]

ICM: G01N033-53
ICS: G06F019-00; G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 61 OF 170 USPATFULL on STN
AN 2003:226424 USPATFULL
TI Combination of antioxidant substances for the treatment of alzheimer's disease
IN Saragovi, Uri, Montreal, CANADA
Bassili, Joseph, Montreal, CANADA
Elfarrah, Khassam, Dollard-des-Ormeaux, CANADA
PA Colba R & D Inc., St-Laurent, CANADA (non-U.S. corporation)
PI US 2003158237 A1 20030821
AI US 2002-235613 A1 20020904 (10)
PRAI CA 2001-2357053 20010904
DT Utility
FS APPLICATION
LN.CNT 1174
INCL INCLM: 514/356.000
INCLS: 514/456.000; 514/458.000; 514/570.000; 514/533.000
NCL NCLM: 514/356.000
NCLS: 514/456.000; 514/458.000; 514/570.000; 514/533.000

ICM: A61K031-455
ICS: A61K031-353; A61K031-192; A61K031-355; A61K031-235
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 62 OF 170 USPATFULL on STN
AN 2003:38351 USPATFULL
TI Novel genes encoding proteins having prognostic, diagnostic, preventive, therapeutic, and other uses
IN Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES
Barnes, Thomas M., Brookline, MA, UNITED STATES
PI US 2003027998 A1 20030206
AI US 2001-796753 A1 20010301 (9)
RLI Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998, ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22 Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072, filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25 Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388, filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000, PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723, filed on 20 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-345464, filed on 30 Jun 1999, ABANDONED
PRAI US 1999-122458P 19990301 (60)
DT Utility
FS APPLICATION
LN.CNT 22222
INCL INCLM: 536/023.100
NCL NCLM: 536/023.100
IC [7]
ICM: C07H021-02
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 63 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:803524 SCISEARCH
GA The Genuine Article (R) Number: 721LR
TI Characterization of the ectodomain shedding of the beta-site amyloid precursor protein-cleaving enzyme 1 (***BACE1***)
AU Hussain I (Reprint); Hawkins J; Shikotra A; Riddell D R; Faller A; Dingwall C
CS GlaxoSmithKline Res & Dev Ltd, Neurol & Gastrointestinal Ctr Excellence Drug Dis, New Frontiers Sci Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKline Res & Dev Ltd, Neurol & Gastrointestinal Ctr Excellence Drug Dis, Harlow CM19 5AW, Essex, England
CYA England
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (19 SEP 2003) Vol. 278, No. 38, pp. 36264-36268.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 36
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 64 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:717793 SCISEARCH
 GA The Genuine Article (R) Number: 712DP
 TI Antagonistic effects of beta-site amyloid precursor protein-cleaving
 enzymes 1 and 2 on beta-amyloid peptide production in cells
 AU Basi G (Reprint); Frigon N; Barbour R; Doan T; Gordon G; McConlogue L;
 Sinha S; Zeller M
 CS Elan Pharmaceut, 800 Gateway Blvd, San Francisco, CA 94080 USA (Reprint);
 Elan Pharmaceut, San Francisco, CA 94080 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (22 AUG 2003) Vol. 278, No. 34, pp.
 31512-31520.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 47
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 65 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:582927 SCISEARCH
 GA The Genuine Article (R) Number: 697AN
 TI ***BACE1*** - and BACE2-expressing human cells - Characterization of
 beta-amyloid precursor protein-derived catabolites, design of a novel
 fluorimetric assay, and identification of new in vitro inhibitors
 AU Andrau D; Dumanchin-Njock C; Ayrat E; Vizzavona J; Farzan M; Boisbrun M;
 Fulcrand P; Hernandez J F; Martinez J; Lefranc-Jullien S; Checler F
 (Reprint)
 CS Inst Pharmacol Mol & Cellulaire, CNRS, UMR 6097, 660 Route Lucioles,
 F-06560 Valbonne, France (Reprint); Inst Pharmacol Mol & Cellulaire, CNRS,
 UMR 6097, F-06560 Valbonne, France; Lab Amino Acides Peptides & Prot,
 CNRS, UMR 5810, F-34093 Montpellier, France; Harvard Univ, Sch Med,
 Boston, MA 02115 USA
 CYA France; USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (11 JUL 2003) Vol. 278, No. 28, pp.
 25859-25866.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 71
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 66 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:490497 SCISEARCH
 GA The Genuine Article (R) Number: 684WY
 TI beta-secretase cleavage at amino acid residue 34 in the amyloid beta
 peptide is dependent upon gamma-secretase activity
 AU Shi X P (Reprint); Tugusheva K; Bruce J E; Lucka A; Wu G X; Chen-Dodson E;
 Price E; Li Y M; Xu M; Huang Q; Sardana M K; Hazuda D J
 CS Merck Res Labs, Dept Biol Chem, WP16-205, W Point, PA 19486 USA (Reprint);
 Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (6 JUN 2003) Vol. 278, No. 23, pp.
 21286-21294.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 31
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 67 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:476192 SCISEARCH
 GA The Genuine Article (R) Number: 682EH
 TI Ceramide stabilizes beta-site amyloid precursor protein-cleaving enzyme 1
 and promotes amyloid beta-peptide biogenesis
 AU Puglielli L; Ellis B C; Saunders A J; Kovacs D M (Reprint)

Aging Res Unit, CAGN, 114 16th St, Charlestown, MA 02129 USA (Reprint);
Harvard Univ, Sch Med, Massachusetts Gen Hosp, Neurobiol Dis Lab, Genet &
Aging Res Unit, CAGN, Charlestown, MA 02129 USA

CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAY 2003) Vol. 278, No. 22, pp.
19777-19783.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 28

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 68 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2003:431664 SCISEARCH

GA The Genuine Article (R) Number: 677QG

TI Endoproteolysis of beta-secretase (beta-site amyloid precursor
protein-cleaving enzyme) within its catalytic domain - A potential
mechanism for regulation

AU Huse J T; Byant D; Yang Y X; Pijak D S; D'Souza I; Lah J J; Lee V M Y;
Doms R W; Cook D G (Reprint)

CS Univ Washington, Sch Med, Vet Affairs Puget Sound Hlth Care Syst, Geriatr
Res Educ & Clin Ctr 182B, 1660 S Columbian Way, Seattle, WA 98108 USA
(Reprint); Univ Washington, Sch Med, Vet Affairs Puget Sound Hlth Care
Syst, Geriatr Res Educ & Clin Ctr 182B, Seattle, WA 98108 USA; Univ
Washington, Sch Med, Dept Med, Seattle, WA 98108 USA; Univ Penn, Sch Med,
Dept Microbiol, Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Ctr
Neurodegenerat Dis Res, Philadelphia, PA 19104 USA; Emory Univ, Sch Med,
Dept Neurol, Atlanta, GA 30322 USA

CYA USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (9 MAY 2003) Vol. 278, No. 19, pp.
17141-17149.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 60

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 69 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2004:40158 SCISEARCH

GA The Genuine Article (R) Number: 757RG

TI Determination of the active site protonation state of beta-secretase from
molecular dynamics simulation and docking experiment: Implications for
structure-based inhibitor design

AU Park H (Reprint); Lee S

CS Seoul Natl Univ, Sch Chem & Mol Engrg, Seoul 151747, South Korea (Reprint);
Seoul Natl Univ, Ctr Mol Catalysis, Seoul 151747, South Korea

CYA South Korea

SO JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, (31 DEC 2003) Vol. 125, No. 52,
pp. 16416-16422.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.

ISSN: 0002-7863.

DT Article; Journal

LA English

REC Reference Count: 47

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 70 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2003:377219 SCISEARCH

GA The Genuine Article (R) Number: 672HX

TI Identification of phospholipid scramblase 1 as a novel interacting
molecule with beta-secretase (beta-site amyloid precursor protein (APP)
cleaving enzyme (***BACE***))

AU Kametaka S; Shibata M; Moroe K; Kanamori S; Ohsawa Y; Waguri S; Sims P J;
Emoto K; Umeda M; Uchiyama Y (Reprint)

CS Osaka Univ, Grad Sch Med, Dept Cell Biol & Neurosci A1, 2-2 Yamadaoka,
Suita, Osaka 5650871, Japan (Reprint); Osaka Univ, Grad Sch Med, Dept Cell
Biol & Neurosci A1, Suita, Osaka 5650871, Japan; Scripps Res Inst, La
Jolla, CA 92037 USA; Tokyo Metropolitan Inst Med Sci RINSHOKEN, Dept Mol

CYA Japan; USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (25 APR 2003) Vol. 278, No. 17, pp. 15239-15245.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 49
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 71 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:930522 SCISEARCH
 GA The Genuine Article (R) Number: 735UX
 TI Biochemical and structural characterization of the interaction of
 memapsin ***2*** (beta-secretase) cytosolic domain with the
 VHS domain of GGA proteins
 AU He X Y; Zhu G Y; Koelsch G; Rodgers K K; Zhang X J C; Tang J (Reprint)
 CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City, OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program, Oklahoma City, OK 73104 USA; Oklahoma Med Res Fdn, Crystallog Program, Oklahoma City, OK 73104 USA; Univ Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol Biol, Oklahoma City, OK 73104 USA
 CYA USA
 SO BIOCHEMISTRY, (28 OCT 2003) Vol. 42, No. 42, pp. 12174-12180.
 Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
 ISSN: 0006-2960.
 DT Article; Journal
 LA English
 REC Reference Count: 33
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 72 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:872332 SCISEARCH
 GA The Genuine Article (R) Number: 727XG
 TI Exclusively targeting beta-secretase to lipid rafts by GPI-anchor addition up-regulates beta-site processing of the amyloid precursor protein
 AU Cordy J M; Hussain I; Dingwall C; Hooper N M; Turner A J (Reprint)
 CS Univ Leeds, Sch Biochem & Mol Biol, Proteolysis Res Grp, Leeds LS2 9JT, W Yorkshire, England (Reprint); GlaxoSmithKline Res & Dev Ltd, Dept Alzheimers Dis Res, Neurol & GI Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England
 CYA England
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (30 SEP 2003) Vol. 100, No. 20, pp. 11735-11740.
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.
 ISSN: 0027-8424.
 DT Article; Journal
 LA English
 REC Reference Count: 36
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 73 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6
 AN 2003:886112 CAPLUS
 DN 140:210508
 TI Nonsteroidal anti-inflammatory drugs and peroxisome proliferator-activated receptor-.gamma. agonists modulate immunostimulated processing of amyloid precursor protein through regulation of .beta.-secretase
 AU Sastre, Magdalena; Dewachter, Ilse; Landreth, Gary E.; Willson, Timothy M.; Klockgether, Thomas; van Leuven, Fred; Heneka, Michael T.
 CS Department of Neurology, University of Bonn, Bonn, 53127, Germany
 SO Journal of Neuroscience (2003), 23(30), 9796-9804
 CODEN: JNRSDS; ISSN: 0270-6474
 PB Society for Neuroscience
 DT Journal
 LA English
 RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 74 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:198541 SCISEARCH

TI The transmembrane domain of the amyloid precursor protein in microsomal
 membranes is on both sides shorter than predicted
 AU Grziwa B (Reprint); Grimm M O W; Masters C L; Beyreuther K; Hartmann T;
 Lichtenthaler S F
 CS Univ Heidelberg, Ctr Mol Biol, INF 282, D-69120 Heidelberg, Germany
 (Reprint); Univ Heidelberg, Ctr Mol Biol, D-69120 Heidelberg, Germany;
 Univ Melbourne, Dept Pathol, Parkville, Vic 3052, Australia; Harvard Univ,
 Sch Med, Massachusetts Gen Hosp, Boston, MA 02114 USA
 CYA Germany; Australia; USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (28 FEB 2003) Vol. 278, No. 9, pp.
 6803-6808.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 47
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 75 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:198667 SCISEARCH
 GA The Genuine Article (R) Number: 648BF
 TI Identification of a beta-secretase activity, which truncates amyloid
 beta-peptide after its presenilin-dependent generation
 AU Fluhrer R; Multhaup G; Schlicksupp A; Okochi M; Takeda M; Lammich S;
 Willem M; Westmeyer G; Bode W; Walter J (Reprint); Haass C
 CS Univ Munich, Dept Biochem, Adolf Butenandt Inst, Lab Alzheimers &
 Parkinsons Dis Res, Schillerstr 44, D-80336 Munich, Germany (Reprint);
 Univ Munich, Dept Biochem, Adolf Butenandt Inst, Lab Alzheimers &
 Parkinsons Dis Res, D-80336 Munich, Germany; Univ Heidelberg, ZMBH, Ctr
 Biol Mol, D-6900 Heidelberg, Germany; Osaka Univ, Grad Sch Med, Div
 Psychiat & Behav Prote, Dept Postgeonomics & Dis, Osaka 5650871, Japan;
 Max Planck Inst Biochem, D-82152 Martinsried, Germany
 CYA Germany; Japan
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (21 FEB 2003) Vol. 278, No. 8, pp.
 5531-5538.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 69
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 76 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7
 AN 2003:747149 CAPLUS
 DN 139:301143
 TI Human .beta.-Secretase (***BACE***) and ***BACE*** Inhibitors
 AU John, Varghese; Beck, James P.; Bienkowski, Michael J.; Sinha, Sukanto;
 Heinrikson, Robert L.
 CS Elan Pharmaceuticals, South San Francisco, CA, 94080, USA
 SO Journal of Medicinal Chemistry (2003), 46(22), 4625-4630
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal; General Review
 LA English
 RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 77 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:178675 SCISEARCH
 GA The Genuine Article (R) Number: 645GY
 TI Secretion and intracellular generation of truncated A beta in beta-Site
 Amyloid-beta precursor protein-cleaving enzyme expressing human neurons
 AU Lee E B; Skovronsky D M; Abtahian F; Doms R W; Lee V M Y (Reprint)
 CS Hosp Univ Penn, Ctr Neurodegenerat Dis Res, Dept Pathol & Lab Med, Maloney
 3, Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Ctr
 Neurodegenerat Dis Res, Dept Pathol & Lab Med, Philadelphia, PA 19104 USA;
 Univ Penn, Sch Med, Dept Microbiol, Philadelphia, PA 19104 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (14 FEB 2003) Vol. 278, No. 7, pp.
 4458-4466.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE

DT ISSN: 0021-9258.
 LA Article; Journal
 REC English
 Reference Count: 69
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 78 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:1091862 SCISEARCH
 GA The Genuine Article (R) Number: 750RF
 TI Design and synthesis of statine-containing ***BACE*** inhibitors
 AU Hu J D (Reprint); Cwi C L; Smiley D L; Timm D; Erickson J A; McGee J E;
 Yang H C; Mendel D; May P C; Shapiro M; McCarthy J R
 CS Eli Lilly & Co, Lilly Corp Ctr, Lilly Res Labs, Indianapolis, IN 46285 USA
 (Reprint)
 CYA USA
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (15 DEC 2003) Vol. 13, No. 24,
 pp. 4335-4339.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
 ISSN: 0960-894X.

DT Article; Journal
 LA English
 REC Reference Count: 31
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 79 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:816890 CAPLUS
 DN 140:12906
 TI Efficient inhibition of .beta.-secretase gene expression in HEK293 cells
 by tRNAVal-driven and CTE-helicase associated hammerhead ribozymes
 AU Nawrot, Barbara; Antoszczyk, Slawomir; Maszewska, Maria; Kuwabara, Tomoko;
 Warashina, Masaki; Taira, Kazunari; Stec, Wojciech J.
 CS Centre of Molecular and Macromolecular Studies, Department of Bioorganic
 Chemistry, Polish Academy of Sciences, Lodz, Pol.
 SO European Journal of Biochemistry (2003), 270(19), 3962-3970
 CODEN: EJBCAI; ISSN: 0014-2956
 PB Blackwell Publishing Ltd.
 DT Journal
 LA English
 RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 80 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:991000 SCISEARCH
 GA The Genuine Article (R) Number: 741XV
 TI Green tea catechins as a ***BACE1*** (beta-secretase) inhibitor
 AU Jeon S Y; Bae K H; Seong Y H; Song K S (Reprint)
 CS Kyungpook Natl Univ, Coll Agr & Life Sci, Div Appl Biol & Chem, 1370
 Sankyuk Dong, Taegu 702701, South Korea (Reprint); Kyungpook Natl Univ,
 Coll Agr & Life Sci, Div Appl Biol & Chem, Taegu 702701, South Korea;
 Chungnam Natl Univ, Coll Pharm, Taejon 305764, South Korea; Chungbuk Natl
 Univ, Coll Vet, Chungbuk 361763, South Korea
 CYA South Korea
 SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (17 NOV 2003) Vol. 13, No. 22,
 pp. 3905-3908.
 Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
 KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
 ISSN: 0960-894X.

DT Article; Journal
 LA English
 REC Reference Count: 15
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 81 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:18330 SCISEARCH
 GA The Genuine Article (R) Number: 755GH
 TI Demonstration by FRET of ***BACE*** interaction with the amyloid
 precursor protein at the cell surface and in early endosomes
 AU Kinoshita A; Fukumoto H; Shah T; Whelan C M; Irizarry M C; Hyman B T
 (Reprint)
 CS Harvard Univ, Massachusetts Gen Hosp, Sch Med, Alzheimer Dis Res Lab,
 Boston, MA 02129 USA (Reprint)

SO JOURNAL OF CELL SCIENCE, (15 AUG 2003) Vol. 116, No. 16, pp. 3339-3346.
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL
 PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.
 ISSN: 0021-9533.
 DT Article; Journal
 LA English
 REC Reference Count: 32
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 82 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:432887 SCISEARCH
 GA The Genuine Article (R) Number: 679PZ
 TI Calculation of the binding affinity of beta-secretase inhibitors using the
 linear interaction energy method
 AU Tounge B A; Reynolds C H (Reprint)
 CS Johnson & Johnson Pharmaceut Res & Dev, LLC, POB 776, Welsh & McKean Rd,
 Spring House, PA 19477 USA (Reprint); Johnson & Johnson Pharmaceut Res &
 Dev, LLC, Spring House, PA 19477 USA
 CYA USA
 SO JOURNAL OF MEDICINAL CHEMISTRY, (22 MAY 2003) Vol. 46, No. 11, pp.
 2074-2082.
 Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
 ISSN: 0022-2623.
 DT Article; Journal
 LA English
 REC Reference Count: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 83 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2004:53982 SCISEARCH
 GA The Genuine Article (R) Number: 758KW
 TI The beta-amyloid-related proteins presenilin 1 and ***BACE1*** are
 axonally transported to nerve terminals in the brain
 AU Sheng J G; Price D L; Koliatsos V E (Reprint)
 CS Johns Hopkins Univ, Sch Med, Div Neuropathol, Room 558, Ross Bldg, 720
 Rutland Ave, Baltimore, MD 21205 USA (Reprint); Johns Hopkins Univ, Sch
 Med, Div Neuropathol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch
 Med, Alzheimers Dis Res Ctr, Baltimore, MD 21205 USA; Johns Hopkins Univ,
 Sch Med, Dept Neurol, Baltimore, MD 21205 USA; Johns Hopkins Univ, Sch
 Med, Dept Psychiat & Behav Sci, Baltimore, MD 21205 USA; Johns Hopkins
 Univ, Sch Med, Dept Neurosci, Baltimore, MD 21205 USA
 CYA USA
 SO EXPERIMENTAL NEUROLOGY, (DEC 2003) Vol. 184, No. 2, pp. 1053-1057.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
 DIEGO, CA 92101-4495 USA.
 ISSN: 0014-4886.
 DT Article; Journal
 LA English
 REC Reference Count: 17
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 84 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:1099198 SCISEARCH
 GA The Genuine Article (R) Number: 751YH
 TI ***BACE1*** (beta-secretase) transgenic neurochemical deficits and
 knockout mice: identification of and behavioral changes
 AU Harrison S M; Harper A J; Hawkins J; Duddy G; Grau E; Pugh P L; Winter P
 H; Shilliam C S; Hughes Z A; Dawson L A; Gonzalez M I; Upton N; Pangalos M
 N; Dingwall C (Reprint)
 CS GlaxoSmithKline, Neurol & Gastroenterol Ctr Excellence Drug Discov, New
 Frontiers Sci Pk N, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint);
 GlaxoSmithKline, Neurol & Gastroenterol Ctr Excellence Drug Discov, Harlow
 CM19 5AW, Essex, England; GlaxoSmithKline, Dept Comparat Genom, Harlow
 CM19 5AW, Essex, England; Sanger Ctr, Hinxton CB10 1SA, Cambs, England;
 GlaxoSmithKline, Psychiat Ctr Excellence Drug Discovery, Harlow CM19 5AW,
 Essex, England
 CYA England
 SO MOLECULAR AND CELLULAR NEUROSCIENCE, (NOV 2003) Vol. 24, No. 3, pp.
 646-655.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
 DIEGO, CA 92101-4495 USA.
 ISSN: 1044-7431.

LA English
REC Reference Count: 51
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 85 OF 170 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN
AN 2003307068 EMBASE
TI A drug target for ***Alzheimers*** ***disease*** :
.beta.-Secretase.
AU Wang Y.-H.; Du G.-H.
CS Y.-H. Wang, Institute of Meteria Medica, Chinese Academy of Medical
Science, Peking Union Medical College, Beijing 100050, China.
walling@imm.ac.cn
SO Chinese Pharmacological Bulletin, (2003) 19/6 (609-613).
Refs: 19
ISSN: 1001-1978 CODEN: ZYTOE8
CY China
DT Journal; Article
FS 029 Clinical Biochemistry
037 Drug Literature Index
LA Chinese
SL English; Chinese

L3 ANSWER 86 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:980457 SCISEARCH
GA The Genuine Article (R) Number: 739DD
TI JLK isocoumarin inhibitors: Selective gamma-secretase inhibitors that do
not interfere with Notch pathway in vitro or in vivo
AU Petit A; Pasini A; da Costa C A; Ayrat E; Hernandez J F; Dumanchin-Njock
C; Phiel C J; Marambaud P; Wilk S; Farzan M; Fulcrand P; Martinez J;
Andrau D; Checler F (Reprint)
CS CNRS, UMR 6097, Inst Pharmacol Mol & Cellulaire, 660 Route Lucioles,
F-06560 Valbonne, France (Reprint); CNRS, UMR 6097, Inst Pharmacol Mol &
Cellulaire, F-06560 Valbonne, France; Natl Inst Med Res, Div Dev Biol,
London, England; CNRS, UMR 5810, LAPP, Montpellier, France; Univ Penn,
Howard Hughes Med Inst, Philadelphia, PA 19104 USA; Mt Sinai Sch Med, Dept
Psychiat, New York, NY USA; Mt Sinai Sch Med, Dept Pharmacol, New York, NY
USA; Harvard Univ, Sch Med, Boston, MA USA
CYA France; England; USA
SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 NOV 2003) Vol. 74, No. 3, pp.
370-377.
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
NY 10158-0012 USA.
ISSN: 0360-4012.
DT Article; Journal
LA English
REC Reference Count: 65
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 87 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:691038 SCISEARCH
GA The Genuine Article (R) Number: 707RY
TI ***BACE*** -2 is overexpressed in Down's syndrome
AU Barbiero L; Benussi L; Ghidoni R; Alberici A; Russo C; Schettini G; Pagano
S F; Parati E A; Mazzoli F; Nicosia F; Signorini S; Feudatari E; Binetti G
(Reprint)
CS IRCCS, Ctr S Giovanni Dio Fatebenefratelli, Neurobiol Lab, Memory Clin,
Via Pilastroni 4, I-25123 Brescia, Italy (Reprint); IRCCS, Ctr S Giovanni
Dio Fatebenefratelli, Neurobiol Lab, Memory Clin, I-25123 Brescia, Italy;
Univ Genoa, Adv Biotechnol Ctr, Natl Canc Inst, Sect Pharmacol & Neurosci,
Genoa, Italy; Natl Neurol Inst C, Neuropharmacol Lab, Milan, Italy
CYA Italy
SO EXPERIMENTAL NEUROLOGY, (AUG 2003) Vol. 182, No. 2, pp. 335-345.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 0014-4886.
DT Article; Journal
LA English
REC Reference Count: 37
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 88 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

GA The Genuine Article (R) Number: 646FJ
 TI Comparative studies of active site-ligand interactions among various recombinant constructs of human beta-amyloid precursor protein cleaving enzyme
 AU Kopcho L M; Ma J H; Marcinkeviciene J; Lai Z H; Witmer M R; Cheng J; Yanchunas J; Tredup J; Corbett M; Calambur D; Wittekind M; Paruchuri M; Kothari D; Lee G; Ganguly S; Ramamurthy V; Morin P E; Camac D M; King R W; Lasut A L; Ross O H; Hillman M C; Fish B; Shen K Q; Dowling R L; Kim Y B; Graciani N R; Collins D; Combs A P; George H; Thompson L A; Copeland R A (Reprint)
 CS Dept Chem Enzymol, Hopewell, NJ 08525 USA (Reprint); Dept Gene Express & Prot Biochem, Lawrenceville, NJ USA; Proc Technol, Hopewell, NJ USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Marcomol Struct & Struct Biol, Wilmington, DE 19803 USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Biotechnol, Wilmington, DE 19803 USA; Bristol Myers Squibb Co, Pharmaceut Res Inst, Dept Med Chem, Wilmington, DE 19803 USA
 CYA USA
 SO ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (15 FEB 2003) Vol. 410, No. 2, pp. 307-316.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.
 ISSN: 0003-9861.
 DT Article; Journal
 LA English
 REC Reference Count: 25
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 89 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:944180 SCISEARCH
 GA The Genuine Article (R) Number: 735HM
 TI Dehydroepiandrosterone reduces expression and activity of ***BACE*** in NT2 neurons exposed to oxidative stress
 AU Tamagno E (Reprint); Guglielmotto M; Bardini P; Santoro G; Davit A; Di Simone D; Danni O; Tabaton M
 CS Univ Turin, Gen Pathol Sect, Dept Expt Med & Oncol, Corso Raffaello 30, I-10125 Turin, Italy (Reprint); Univ Turin, Gen Pathol Sect, Dept Expt Med & Oncol, I-10125 Turin, Italy; Univ Genoa, Dept Neurol Sci & Vis, Genoa, Italy
 CYA Italy
 SO NEUROBIOLOGY OF DISEASE, (NOV 2003) Vol. 14, No. 2, pp. 291-301.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.
 ISSN: 0969-9961.
 DT Article; Journal
 LA English
 REC Reference Count: 60
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 90 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:865519 SCISEARCH
 GA The Genuine Article (R) Number: 726BT
 TI Peptide nucleic acids targeted to the amyloid precursor protein
 AU McMahon B M; Stewart J; Fauq A; Younkin S; Younkin L; Richelson E (Reprint)
 CS Mayo Clin, Dept Psychiat, Jacksonville, FL 32224 USA (Reprint); Mayo Clin, Dept Pharmacol, Jacksonville, FL 32224 USA; Mayo Clin, Dept Neurosci & Pharmacol, Jacksonville, FL 32224 USA
 CYA USA
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (OCT 2003) Vol. 20, No. 3, pp. 261-265.
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA.
 ISSN: 0895-8696.
 DT Article; Journal
 LA English
 REC Reference Count: 20
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 91 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:702919 SCISEARCH
 GA The Genuine Article (R) Number: 708GT
 TI Presenilin-1 interacts directly with the beta-site amyloid protein precursor cleaving enzyme (***BACE1***)

(Reprint)
CS CHUQ, Mol & Human Genet Unit, Pavillon St Francois Assise, 10 Rue Espinay, Quebec City, PQ G1L 3L5, Canada (Reprint); CHUQ, Mol & Human Genet Unit, Quebec City, PQ G1L 3L5, Canada; Univ Laval, Dept Med Biol, Quebec City, PQ G1K 7P4, Canada
CYA Canada
SO NEUROBIOLOGY OF DISEASE, (AUG 2003) Vol. 13, No. 3, pp. 238-245.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.
ISSN: 0969-9961.
DT Article; Journal
LA English
REC Reference Count: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 92 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:210128 SCISEARCH
GA The Genuine Article (R) Number: 649VB
TI Human beta-secretase activity in yeast detected by a novel cellular growth selection system
AU Luthi U; Schaerer-Brodbeck C; Tanner S; Middendorp O; Edler K; Barberis A (Reprint)
CS ESBATech AG, Wagistr 21, CH-8952 Zurich, Switzerland (Reprint); ESBATech AG, CH-8952 Zurich, Switzerland
CYA Switzerland
SO BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, (17 MAR 2003) Vol. 1620, No. 1-3, pp. 167-178.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.
ISSN: 0304-4165.
DT Article; Journal
LA English
REC Reference Count: 37
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 93 OF 170 DRUGU COPYRIGHT 2005 THE THOMSON CORP on STN
AN 2004-30643 DRUGU P
TI Role of PPARGgamma on amyloid-beta generation.
AU Sastre M; Dewachter I; Rosen E; Landreth G; Haass C; Klockgether T; van Leuven F; Heneka M T
CS Univ.Bonn
LO Bonn, Ger.
SO J.Neurochem. (87, Suppl. 1, 98, 2003)
CODEN: JONRA9 ISSN: 0022-3042
AV Department of Neurology, University of Bonn, Bonn, Germany.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L3 ANSWER 94 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:915761 SCISEARCH
GA The Genuine Article (R) Number: 732QJ
TI APP processing is regulated by cytoplasmic phosphorylation
AU Lee M S; Kao S C; Lemere C A; Xia W M; Tseng H C; Zhou Y; Neve R; Ahljanian M K; Tsai L H (Reprint)
CS Harvard Univ, Sch Med, Dept Pathol, 200 Longwood Ave, Boston, MA 02115 USA (Reprint); Harvard Univ, Sch Med, Dept Pathol, Boston, MA 02115 USA; Howard Hughes Med Inst, Boston, MA 02115 USA; Harvard Univ, Brigham & Womens Hosp, Sch Med, Ctr Neurol Dis, Boston, MA 02115 USA; Harvard Univ, Sch Med, McLean Hosp, Dept Psychiat, Belmont, MA 02478 USA; Pfizer Inc, Cent Res, Dept CNS Discovery, Groton, CT 06340 USA
CYA USA
SO JOURNAL OF CELL BIOLOGY, (13 OCT 2003) Vol. 163, No. 1, pp. 83-95.
Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021 USA.
ISSN: 0021-9525.
DT Article; Journal
LA English
REC Reference Count: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 95 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.

AN 2003:838248 SCISEARCH
 GA The Genuine Article (R) Number: 723NP
 TI ***BACE1*** (beta-secretase) knockout mice do not acquire compensatory
 gene expression changes or develop neural lesions over time
 AU Luo Y; Bolon B; Damore M A; Fitzpatrick D; Liu H T; Zhang J H; Yan Q;
 Vassar R; Citron M (Reprint)
 CS Amgen Inc, Dept Neurosci, M-S 29-2-B, 1 Amgen Ctr Dr, Thousand Oaks, CA
 91320 USA (Reprint); Amgen Inc, Dept Neurosci, Thousand Oaks, CA 91320
 USA; Northwestern Univ, Feinberg Sch Med, Chicago, IL 60611 USA
 CYA USA
 SO NEUROBIOLOGY OF DISEASE, (OCT 2003) Vol. 14, No. 1, pp. 81-88.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
 DIEGO, CA 92101-4495 USA.
 ISSN: 0969-9961.
 DT Article; Journal
 LA English
 REC Reference Count: 17
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 96 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:586217 SCISEARCH
 GA The Genuine Article (R) Number: 696FG
 TI Cloning and expression of the rat ***BACE1*** promoter
 AU Lange-Dohna C; Zeitschel U; Gaunitz F; Perez-Polo J R; Bigl V; Rossner S
 (Reprint)
 CS Univ Leipzig, Dept Neurochem, Paul Flechsig Inst Brain Res, Jahnallee 59,
 D-04109 Leipzig, Germany (Reprint); Univ Leipzig, Dept Neurochem, Paul
 Flechsig Inst Brain Res, D-04109 Leipzig, Germany; Univ Leipzig, Inst
 Biochem, D-7010 Leipzig, Germany; Univ Texas, Med Branch, Dept Human Biol
 Chem & Genet, Galveston, TX 77550 USA
 CYA Germany; USA
 SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 JUL 2003) Vol. 73, No. 1, pp. 73-80.
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
 NY 10158-0012 USA.
 ISSN: 0360-4012.
 DT Article; Journal
 LA English
 REC Reference Count: 29
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 97 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:612127 SCISEARCH
 GA The Genuine Article (R) Number: 700QY
 TI Quantification and distribution of beta-secretase alternative splice
 variants in the rat and human brain
 AU Zohar O (Reprint); Cavallaro S; D'Agata V; Alkon D L
 CS Johns Hopkins Univ, Acad & Res Bldg, 9601 Med Ctr Dr, Rockville, MD 20850
 USA (Reprint); W Virginia Univ, Blanchette Rockefeller Neurosci Inst,
 Rockville, MD 20850 USA; Italian Natl Res Council, Inst Neurol Sci,
 I-95123 Catania, Italy
 CYA USA; Italy
 SO MOLECULAR BRAIN RESEARCH, (4 JUL 2003) Vol. 115, No. 1, pp. 63-68.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
 NETHERLANDS.
 ISSN: 0169-328X.
 DT Article; Journal
 LA English
 REC Reference Count: 23
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 98 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2003:599885 SCISEARCH
 GA The Genuine Article (R) Number: 699XC
 TI Measuring human beta-secretase (BACE1) activity using homogeneous
 time-resolved fluorescence
 AU Kennedy M E (Reprint); Wang W Y; Song L X; Lee J; Zhang L L; Wong G; Wang
 L Y; Parker E
 CS Schering Plough Corp, Res Inst, CNS Cardiovasc Res, Kenilworth, NJ 07033
 USA (Reprint); Schering Plough Corp, Res Inst, Struct Chem, Kenilworth, NJ
 07033 USA
 CYA USA
 SO ANALYTICAL BIOCHEMISTRY, (1 AUG 2003) Vol. 319, No. 1, pp. 49-55.

DIEGO, CA 92101-4495 USA.
ISSN: 0003-2697.
DT Article; Journal
LA English
REC Reference Count: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 99 OF 170 CEABA-VTB COPYRIGHT 2005 DECHEMA on STN
AN 2004(02):5175 CEABA-VTB FS B
TI Comparison of Batch and Perfusion Culture in Combination with Pilot-Scale
Expanded Bed Purification for the Production of Soluble Recombinant
beta-Secretase
AU Lullau, E.L. et al.
CS AstraZeneca Biotech Laboratory, Enabling Science Technology Biology, R&D
Soedertaeltje, Sweden
SO Biotechnology Progress (2003) 19(1), 20 Reference(s), 37 -44, 7f, 2t
CODEN: BIPRET ISSN: 8756-7938
DT Journal
LA English

L3 ANSWER 100 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:171471 SCISEARCH
GA The Genuine Article (R) Number: 645JU
TI Comparison of batch and perfusion culture in combination with pilot-scale
expanded bed purification for the production of soluble recombinant
beta-secretase
AU Lullau E (Reprint); Kanttinen A; Hassel J; Berg M; Haag-Alvarsson A;
Cederbrant K; Greenberg B; Fenge C; Schweikart F
CS AstraZeneca, Biotech Lab, Enabling Sci Technol Biol, R&D, Sodertalje,
Sweden (Reprint); AstraZeneca, Safety Assessment, R&D, Sodertalje, Sweden;
AstraZeneca, CNS, US R&D, Wilmington, DE USA
CYA Sweden; USA
SO BIOTECHNOLOGY PROGRESS, (JAN-FEB 2003) Vol. 19, No. 1, pp. 37-44.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 8756-7938.
DT Article; Journal
LA English
REC Reference Count: 19
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 101 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 8
AN 2003:290561 CAPLUS
DN 139:34052
TI Knocking-out A.beta.42, the pathological molecule for Alzheimer's disease
AU Takeda, Masatoshi
CS Course Advanced Medicine, Department of Post-Genomics and Diseases,
Division of Psychiatry and Behavioral Proteomics, Osaka University
Graduate School of Medicine, Japan
SO Idenshi Igaku (2003), 7(1), 12-16
CODEN: IDIGF4; ISSN: 1343-0971
PB Medikaru Du
DT Journal; General Review
LA Japanese

L3 ANSWER 102 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2003:1045881 SCISEARCH
GA The Genuine Article (R) Number: 747UF
TI Cell-based assay for beta-secretase activity
AU Oh M; Kim S Y; Oh Y S; Choi D Y; Sin H J; Jung I M; Park W J (Reprint)
CS K JIST, Dept Life Sci, Kwangju 500712, South Korea (Reprint); K JIST, Natl
Res Lab Proteolysis, Kwangju 500712, South Korea; LG Life Sci Res Pk,
Taejon 305389, South Korea; Ajou Univ, Sch Med, Brain Dis Res Ctr, Suwon
442721, South Korea
CYA South Korea
SO ANALYTICAL BIOCHEMISTRY, (1 DEC 2003) Vol. 323, No. 1, pp. 7-11.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 0003-2697.
DT Article; Journal
LA English
REC Reference Count: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

STN
AN 2004:199386 BIOSIS
DN PREV200400199945
TI A high throughput cell-based screen for identification of putative
Alzheimer's disease modifying drugable genes that modulate amyloid levels.
AU Merchiers, P. [Reprint Author]; Spittaels, K. [Reprint Author]; Staes, M.
[Reprint Author]; Laenen, W. [Reprint Author]; de Vos, S. [Reprint
Author]; Hinnekint, S. [Reprint Author]; Van De Poel, A. [Reprint Author];
Van Rossen, E. [Reprint Author]; Mercken, M.; Meert, T.; De Strooper, B.;
Brown, R. [Reprint Author]
CS Galapagos Genomics NV, Mechelen, Belgium
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)
Vol. 2003, pp. Abstract No. 445.11. <http://sfn.scholarone.com>. e-file.
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Apr 2004
Last Updated on STN: 14 Apr 2004

L3 ANSWER 104 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:180982 CAPLUS
DN 140:195369
TI Murine .beta.-secretase-interacting proteins and their use in screening
and manufacture of drugs to treat Alzheimer's disease
IN Marjaux, Els; Dominguez-Tinland, Diana Ines; Annaert, Wim; De Strooper,
Bart
PA Vlaams Interuniversitair Instituut voor Biotechnologie VZW, Belg.
SO PCT Int. Appl., 90 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002101232	A2	20021219	WO 2002-EP6667	20020607
	WO 2002101232	A3	20031231		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,				
	GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,				
	GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2001-202228	A	20010612		

L3 ANSWER 105 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2002:521789 CAPLUS
DN 137:90187
TI Inhibitors of ***memapsin*** and their use in Alzheimer's
disease treatment
IN Tang, Jordan J. N.; Koelsch, Gerald; Ghosh, Arun K.
PA Oklahoma Medical Research Foundation, USA; The Board of Trustees of the
University of Illinois
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053594	A2	20020711	WO 2001-US50826	20011228
	WO 2002053594	A3	20040108		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,				

	GN, GQ, GW, ML, MR, NE, SN, TD, TG		
CA	2433446	AA	20020711
EP	1404718	A2	20040407
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,		
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
JP	2005500979	T2	20050113
US	2004121947	A1	20040624
PRAI	US 2000-258705P	P	20001228
	US 2001-275756P	P	20010314
	US 2001-335952P	P	20011023
	US 2001-333545P	P	20011127
	US 2001-32818	A2	20011228
	WO 2001-US50826	W	20011228
	US 2002-348464P	P	20020114
	US 2002-348615P	P	20020114
	US 2002-390804P	P	20020620
	US 2002-397557P	P	20020719
	US 2002-397619P	P	20020719

L3 ANSWER 106 OF 170 USPATFULL on STN
AN 2002:287089 USPATFULL
TI Use of small molecule radioligands to discover inhibitors of
amyloid-beta peptide production and for diagnostic imaging
IN Zaczek, Robert, Avondale, PA, UNITED STATES
Olson, Richard E., Wilmington, DE, UNITED STATES
Seiffert, Dietmar A., Boothwyn, PA, UNITED STATES
Thompson, Lorin A., Wilmington, DE, UNITED STATES
PI US 2002159947 A1 20021031
AI US 2001-859261 A1 20010517 (9)
PRAI US 2000-204685P 20000517 (60)
DT Utility
FS APPLICATION
LN.CNT 5492
INCL INCLM: 424/001.490
INCLS: 530/391.100
NCL NCLM: 424/001.490
NCLS: 530/391.100
IC [7]
ICM: A61K051-00
ICS: C07K016-46

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 107 OF 170 USPATFULL on STN
AN 2002:127595 USPATFULL
TI Transgenic animal and methods
IN Nilsson, Lars, Tampa, FL, UNITED STATES
Potter, Huntington, Tampa, FL, UNITED STATES
Arendash, Gary W., Lutz, FL, UNITED STATES
PI US 2002066117 A1 20020530
US 6781029 B2 20040824
AI US 2001-903993 A1 20010713 (9)
PRAI US 2000-218054P 20000713 (60)
DT Utility
FS APPLICATION
LN.CNT 1704
INCL INCLM: 800/018.000
INCLS: 435/354.000; 800/009.000
NCL NCLM: 800/014.000
NCLS: 435/004.000; 800/003.000; 800/008.000; 800/012.000
IC [7]
ICM: A01K067-027
ICS: C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 108 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:754214 SCISEARCH
GA The Genuine Article (R) Number: 590VA
TI Crystal structure of ***memapsin*** (beta-secretase) in
complex with an inhibitor OM00-3 ***2***
AU Hong L; Turner R T; Koelsch G; Shin D G; Ghosh A K; Tang J (Reprint)
CS Univ Oklahoma, Ctr Med, Prot Studies Program, Oklahoma Med Res Fdn,
Oklahoma City, OK 73104 USA (Reprint); Univ Oklahoma, Ctr Med, Prot
Studies Program, Dept Biochem & Mol Biol, Oklahoma City, OK 73104 USA;
Zapaq Inc, Oklahoma City, OK 73104 USA; Univ Illinois, Dept Chem, Chicago,

CYA USA
SO BIOCHEMISTRY, (10 SEP 2002) Vol. 41, No. 36, pp. 10963-10967.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0006-2960.
DT Article; Journal
LA English
REC Reference Count: 19
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 109 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2002:184171 SCISEARCH
GA The Genuine Article (R) Number: 523NX
TI Apical sorting of beta-secretase limits amyloid beta-peptide production
AU Capell A; Meyn L; Fluhrer R; Teplow D B; Walter J; Haass C (Reprint)
CS Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &
Parkinsons Dis Res, Schillerstr 44, D-80336 Munich, Germany (Reprint);
Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &
Parkinsons Dis Res, D-80336 Munich, Germany; Harvard Univ, Sch Med, Dept
Neurol, Boston, MA 02115 USA; Brigham & Womens Hosp, Ctr Neurol Dis,
Boston, MA 02115 USA

CYA Germany; USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (15 FEB 2002) Vol. 277, No. 7, pp.
5637-5643.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.

DT Article; Journal
LA English
REC Reference Count: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 110 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2002:216547 SCISEARCH
GA The Genuine Article (R) Number: 527LL
TI Glul1 site cleavage and N-terminally truncated A beta production upon
BACE overexpression
AU Liu K N; Doms R W; Lee V M Y (Reprint)
CS Univ Penn, Sch Med, Ctr Neurodegenerative Dis Res, Dept Pathol & Lab Med,
Maloney 3, Philadelphia, PA 19104 USA (Reprint); Univ Penn, Sch Med, Ctr
Neurol Dis Res, Dept Pathol & Lab Med, Philadelphia, PA 19104 USA; Univ
Penn, Sch Med, Dept Microbiol, Philadelphia, PA 19104 USA

CYA USA
SO BIOCHEMISTRY, (5 MAR 2002) Vol. 41, No. 9, pp. 3128-3136.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0006-2960.

DT Article; Journal
LA English
REC Reference Count: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 111 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2002:474735 SCISEARCH
GA The Genuine Article (R) Number: 557UP
TI beta-secretase as a therapeutic target for inhibitor drugs
AU Ghosh A K; Hong L; Tang J (Reprint)
CS Univ Oklahoma, Hlth Sci Ctr, Oklahoma Med Res Fdn, Prot Studies Program,
825 NE 13 St, Oklahoma City, OK 73104 USA (Reprint); Univ Oklahoma, Hlth
Sci Ctr, Oklahoma Med Res Fdn, Prot Studies Program, Oklahoma City, OK
73104 USA; Univ Illinois, Dept Chem, Chicago, IL 60680 USA

CYA USA
SO CURRENT MEDICINAL CHEMISTRY, (JUN 2002) Vol. 9, No. 11, pp. 1135-1144.
Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR HILVERSUM,
NETHERLANDS.
ISSN: 0929-8673.

DT General Review; Journal
LA English
REC Reference Count: 39
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 112 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2002:277985 SCISEARCH

TI ELISA analysis of beta-secretase cleavage of the Swedish amyloid precursor protein in the secretory and endocytic pathways
 AU Steinhilb M L; Turner R S; Gaut J R (Reprint)
 CS St Jude Childrens Hosp, 332 N Lauderdale St, Memphis, TN 38105 USA (Reprint); Univ Michigan, Inst Gerontol, Ann Arbor, MI 48109 USA; Univ Michigan, Dept Biol Chem, Ann Arbor, MI 48109 USA; Univ Michigan, Dept Neurol, Ann Arbor, MI 48109 USA; Vet Affairs Med Ctr, Geriatr Res Educ & Clin Ctr, Ann Arbor, MI USA
 CYA USA
 SO JOURNAL OF NEUROCHEMISTRY, (MAR 2002) Vol. 80, No. 6, pp. 1019-1028. Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.
 DT Article; Journal
 LA English
 REC Reference Count: 32
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 113 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2002:226371 SCISEARCH
 GA The Genuine Article (R) Number: 527CY
 TI Expression of human beta-secretase in the mouse brain increases the steady-state level of beta-amyloid
 AU Bodendorf U; Danner S; Fischer F; Stefani M; Sturchler-Pierrat C; Wiederhold K H; Staufenbiel M; Paganetti P (Reprint)
 CS Novartis Pharma AG, Nervous Syst, WSJ 386828, CH-4002 Basel, Switzerland (Reprint); Novartis Pharma AG, Nervous Syst, CH-4002 Basel, Switzerland
 CYA Switzerland
 SO JOURNAL OF NEUROCHEMISTRY, (MAR 2002) Vol. 80, No. 5, pp. 799-806. Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.
 DT Article; Journal
 LA English
 REC Reference Count: 28
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 114 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2002:816437 SCISEARCH
 GA The Genuine Article (R) Number: 599QG
 TI Failure of the interaction between presenilin 1 and the substrate of gamma-secretase to produce A beta in insect cells
 AU Pitsi D; Kienlen-Campard P; Octave J N (Reprint)
 CS Univ Catholique Louvain, Lab Pharmacol Expt, UCL 54-10, 54 Ave Hippocrate, B-1200 Brussels, Belgium (Reprint); Univ Catholique Louvain, Lab Pharmacol Expt, B-1200 Brussels, Belgium
 CYA Belgium
 SO JOURNAL OF NEUROCHEMISTRY, (OCT 2002) Vol. 83, No. 2, pp. 390-399. Publisher: BLACKWELL PUBLISHING LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 ONE, OXON, ENGLAND. ISSN: 0022-3042.
 DT Article; Journal
 LA English
 REC Reference Count: 52
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 115 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2002:918921 SCISEARCH
 GA The Genuine Article (R) Number: 615KQ
 TI Pharmacogenomics for the treatment of dementia
 AU Cacabelos R (Reprint)
 CS Inst CNS Disorders, Biomed Res Ctr, EuroEspes, ES-15166 Bergondo, La Coruna, Spain (Reprint)
 CYA Spain
 SO ANNALS OF MEDICINE, (FAL 2002) Vol. 34, No. 5, pp. 357-379. Publisher: ROYAL SOC MEDICINE PRESS LTD, 1 WIMPOLE STREET, LONDON W1M 8AE, ENGLAND. ISSN: 0785-3890.
 DT General Review; Journal
 LA English
 REC Reference Count: 220
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 116 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2002:748418 SCISEARCH
 GA The Genuine Article (R) Number: 589GU
 TI Oxidative stress increases expression and activity of ***BACE*** in
 NT2 neurons
 AU Tamagno E (Reprint); Bardini P; Obbili A; Vitali A; Borghi R; Zaccheo D;
 Pronzato M A; Danni O; Smith M A; Perry G; Tabaton M
 CS Univ Turin, Dept Expt Med & Oncol, Gen Pathol Sect, Turin, Italy
 (Reprint); Univ Genoa, Human Anat Sect, Dept Expt Med, Genoa, Italy; Univ
 Genoa, Gen Pathol Sect, Dept Expt Med, Genoa, Italy; Univ Genoa, Dept
 Neurol Sci & Vis, Genoa, Italy; Case Western Reserve Univ, Inst Pathol,
 Cleveland, OH 44106 USA
 CYA Italy; USA
 SO NEUROBIOLOGY OF DISEASE, (AUG 2002) Vol. 10, No. 3, pp. 279-288.
 Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
 DIEGO, CA 92101-4495 USA.
 ISSN: 0969-9961.
 DT Article; Journal
 LA English
 REC Reference Count: 37
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 117 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:630283 CAPLUS
 TI Proteinases involved in amyloid .beta.-peptide (A.beta.) production and
 clearance
 AU Malherbe, Pari; Huber, Gerda; Grueninger, Fiona
 CS Pharma Division, PRPN, F. Hoffmann-La Roche Ltd., Basel, CH-4070, Switz.
 SO Proteinase and Peptidase Inhibition (2002), 249-263. Editor(s): Smith, H.
 John; Simons, Claire. Publisher: Taylor & Francis Ltd., London, UK.
 CODEN: 69FSNR; ISBN: 0-415-27349-8
 DT Conference
 LA English
 RE.CNT 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 118 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2002:341541 SCISEARCH
 GA The Genuine Article (R) Number: 542TE
 TI beta-amyloid peptide in regulated secretory vesicles of chromaffin cells:
 evidence for multiple cysteine proteolytic activities in distinct pathways
 for beta-secretase activity in chromaffin vesicles
 AU Hook V Y H (Reprint); Toneff T; Aaron W; Yasothornsrikul S; Bunday R;
 Reisine T
 CS Buck Inst Age Res, 8001 Redwood Blvd, Novato, CA 94945 USA (Reprint); Univ
 Calif San Diego, Dept Med & Neurosci, La Jolla, CA 92093 USA; ActiveSite
 Biotech, Mill Valley, CA USA
 CYA USA
 SO JOURNAL OF NEUROCHEMISTRY, (APR 2002) Vol. 81, No. 2, pp. 237-256.
 Publisher: BLACKWELL PUBLISHING LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2
 ONE, OXON, ENGLAND.
 ISSN: 0022-3042.
 DT Article; Journal
 LA English
 REC Reference Count: 82
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 119 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2002:756847 SCISEARCH
 GA The Genuine Article (R) Number: 590QH
 TI Secretases as targets for beta-amyloid lowering drugs
 AU Walter J (Reprint); Haass C
 CS Univ Bonn, Dept Neurol, Mol Cell Biol Lab, Sigmund Freud Str 25, D-53105
 Bonn, Germany (Reprint); Univ Bonn, Dept Neurol, Mol Cell Biol Lab,
 D-53105 Bonn, Germany; Univ Munich, Adolf Butenandt Inst, Dept Biochem,
 Lab Alzheimers & Parkinsons Dis Res, D-80539 Munich, Germany
 CYA Germany
 SO DRUG DEVELOPMENT RESEARCH, (JUN 2002) Vol. 56, No. 2, pp. 201-210.
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
 NY 10158-0012 USA.
 ISSN: 0272-4391.
 DT Article; Journal

REC Reference Count: 98
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 120 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:668406 SCISEARCH
GA The Genuine Article (R) Number: 580DM
TI ***Memapsin*** ****2*** (beta-secretase) cytosolic domain binds to
the VHS domains of GGA1 and GGA2: implications on the endocytosis
mechanism of ***memapsin*** ****2***
AU He X Y; Chang W P; Koelsch G; Tang J (Reprint)
CS Oklahoma Med Res Fdn, Prot Studies Program, 825 NE 13th St, Oklahoma City,
OK 73104 USA (Reprint); Oklahoma Med Res Fdn, Prot Studies Program,
Oklahoma City, OK 73104 USA; Zapaq Inc, Oklahoma City, OK 73104 USA; Univ
Oklahoma, Hlth Sci Ctr, Dept Biochem & Mol Biol, Oklahoma City, OK 73104
USA
CYA USA
SO FEBS LETTERS, (31 JUL 2002) Vol. 524, No. 1-3, pp. 183-187.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0014-5793.
DT Article; Journal
LA English
REC Reference Count: 26
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 121 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:228575 SCISEARCH
GA The Genuine Article (R) Number: 527YB
TI The carboxyl-terminus of ***BACE*** contains a sorting signal that
regulates ***BACE*** trafficking but not the formation of total A beta
AU Pastorino L (Reprint); Ikin A F; Nairn A C; Pursnani A; Buxbaum J D
CS CUNY Mt Sinai Sch Med, Dept Psychiat, New York, NY 10029 USA (Reprint);
CUNY Mt Sinai Sch Med, Dept Neurobiol, New York, NY 10029 USA; Rockefeller
Univ, Mol & Cellular Neurosci Lab, New York, NY 10021 USA
CYA USA
SO MOLECULAR AND CELLULAR NEUROSCIENCE, (FEB 2002) Vol. 19, No. 2, pp.
175-185.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
92101-4495 USA.
ISSN: 1044-7431.
DT Article; Journal
LA English
REC Reference Count: 36
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 122 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:938262 SCISEARCH
GA The Genuine Article (R) Number: 613CJ
TI Recombinant insect cell expression and purification of human
beta-secretase (***BACE*** -1) for X-ray crystallography
AU Bruinzeel W; Yon J; Giovannelli S; Masure S (Reprint)
CS Johnson & Johnson Pharmaceut Res & Dev, Dept Assay Dev & HTS,
Turnhoutseweg 30, B-2340 Beerse, Belgium (Reprint); Johnson & Johnson
Pharmaceut Res & Dev, Dept Assay Dev & HTS, B-2340 Beerse, Belgium
CYA Belgium
SO PROTEIN EXPRESSION AND PURIFICATION, (OCT 2002) Vol. 26, No. 1, pp.
139-148.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 1046-5928.
DT Article; Journal
LA English
REC Reference Count: 28
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 123 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:745310 SCISEARCH
GA The Genuine Article (R) Number: 590AJ
TI Lipid rafts play an important role in A beta biogenesis by regulating the
beta-secretase pathway
AU Tun H; Marlow L; Pinnix I; Kinsey R; Sambamurti K (Reprint)

(Reprint); Mayo Clin, Dept Neurosci, Jacksonville, FL 32224 USA; Mayo Clin, Dept Hematol Oncol, Jacksonville, FL 32224 USA
 CYA USA
 SO JOURNAL OF MOLECULAR NEUROSCIENCE, (AUG-OCT 2002) Vol. 19, No. 1-2, pp. 31-35.
 Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ 07512 USA.
 ISSN: 0895-8696.
 DT Article; Journal
 LA English
 REC Reference Count: 15
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 124 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:325581 BIOSIS
 DN PREV200300325581
 TI ELUCIDATING THE in vivo ROLE OF BACE2.
 AU Yu, J. W. [Reprint Author]; Cai, H. [Reprint Author]; Price, D. L. [Reprint Author]; Wong, P. C. [Reprint Author]
 CS Department of Pathology, Johns Hopkins School of Medicine, Baltimore, MD, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.6. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; (Meeting Poster)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 16 Jul 2003
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 125 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:325591 BIOSIS
 DN PREV200300325591
 TI ANALYSIS OF beta - SECRETASE FUNCTION IN A MOUSE MODEL OF ***ALZHEIMERS*** ***DISEASE***
 AU Willem, M. [Reprint Author]; Bayer, T. A.; Bornemann, K.; Smyth, N.; Van Leuven, F.; Haass, C. [Reprint Author]
 CS Dept. of Biochemistry, Adolf-Butenandt-Institute, Munich, Germany
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.17. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; (Meeting Poster)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 16 Jul 2003
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 126 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:325587 BIOSIS
 DN PREV200300325587
 TI AN ANALYSIS OF beta - SECRETASE (***BACE***) REGULATION.
 AU Huse, J. T. [Reprint Author]; Pijak, D. S. [Reprint Author]; Carlin, D. [Reprint Author]; Liu, K. [Reprint Author]; Lee, V. M. Y. [Reprint Author]; Doms, R. W. [Reprint Author]
 CS Dept. of Microbiology, Univ. of Pennsylvania, Philadelphia, PA, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.13. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 16 Jul 2003
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 127 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

DN PREV200300325576
 TI SEARCHING FOR NOVEL SUBSTRATES FOR ***BACE***
 AU Pastorino, L. [Reprint Author]; Ikin, A. F. [Reprint Author]; Chen, F.; Harroch, S.; Ioannou, I.; Wang, R.; Wasco, W.; Zaidi, N.; Lamb, B. T.; Buxbaum, J. D. [Reprint Author]
 CS Dept Psychiat, Mt Sinai Sch Med, New York, NY, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 687.2. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 16 Jul 2003
 Last Updated on STN: 16 Jul 2003

L3 ANSWER 128 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:315422 BIOSIS
 DN PREV200300315422
 TI THE SECOND MESSENGER CERAMIDE MODULATES ABETA BIOGENESIS.
 AU Puglielli, L. [Reprint Author]; Ellis, B. C. [Reprint Author]; Tanzi, R. E. [Reprint Author]; Kovacs, D. M. [Reprint Author]
 CS Genetics and Aging Unit, Mass General Hosp, Charlestown, MA, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 624.8. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 9 Jul 2003
 Last Updated on STN: 9 Jul 2003

L3 ANSWER 129 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:303857 BIOSIS
 DN PREV200300303857
 TI FUNCTIONAL GENETIC SCREEN FOR MODIFIERS OF Abeta40 AND Abeta42 PEPTIDE PRODUCTION.
 AU Gaither, L. A. [Reprint Author]; Paganetti, P. A.; Fisher, F.; Bodendorf, U.; Mickanin, C. [Reprint Author]; Terry, R. [Reprint Author]; Jaing, C. [Reprint Author]; Konsolaki, M. [Reprint Author]; Labow, M. [Reprint Author]; Herrling, P. L.; Cohen, D. [Reprint Author]
 CS Functional Genomics, Novartis Pharmaceuticals, Summit, NJ, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 420.7. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 2 Jul 2003
 Last Updated on STN: 2 Jul 2003

L3 ANSWER 130 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2003:269472 BIOSIS
 DN PREV200300269472
 TI BETA - SECRETASES FOR beta - AMYLOID PRODUCTION IN THE REGULATED SECRETORY PATHWAY OF NEURONAL CHROMAFFIN CELLS: ROLE OF CYSTEINE PROTEASES IN COMBINATION WITH ***BACE*** 1.
 AU Hook, V. H. [Reprint Author]; Toneff, T. [Reprint Author]; Reisine, T.
 CS Buck Inst Age Res, Novato, CA, USA
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 122.2. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English

Last Updated on STN: 11 Jun 2003

L3 ANSWER 131 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN
AN 2003:269473 BIOSIS
DN PREV200300269473
TI ***BACE*** : ESTABLISHMENT OF ROLE IN AD PATHOLOGY USING GENETIC
KNOCKOUT.
AU McConlogue, L. C. [Reprint Author]; Chen, K. S.; Hu, K. [Reprint Author];
Johnson-Wood, K. [Reprint Author]; Motter, R. [Reprint Author]; Cook, A.
[Reprint Author]; Tang, P. [Reprint Author]; Kholodenko, D. [Reprint
Author]; Lee, M. [Reprint Author]; Tatsuno, G. [Reprint Author]; Sinha, S.
[Reprint Author]; Anderson, J. P. [Reprint Author]; Liu, W. [Reprint
Author]; Roberds, S.; Buttini, M.
CS Biology, Pharmacology, Elan Pharmaceuticals, So. San Francisco, CA, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 122.3. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 11 Jun 2003
Last Updated on STN: 11 Jun 2003

L3 ANSWER 132 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:525847 CAPLUS
DN 135:104271
TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor
protein substrates and their therapeutic uses
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
Parodi, Luis A.; Yan, Riqiang
PA USA
SO PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001050829	A2	20010719	WO 2001-IB799	20010509
	WO 2001050829	A3	20031204		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		
	WO 1999-US20881	A2	19990923		

L3 ANSWER 133 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:507467 CAPLUS
DN 135:104269
TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor
protein substrates and their therapeutic uses
IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
Parodi, Luis A.; Yan, Riqiang
PA USA
SO PCT Int. Appl., 185 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049098	A2	20010712	WO 2001-IB798	20010509
	WO 2001049098	A3	20031120		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
	US 2004234976	A1	20041125	US 2003-476935	20031106
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		

L3 ANSWER 134 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2001:507466 CAPLUS
 DN 135:104268
 TI Alzheimer's disease-associated .beta.-secretase and amyloid precursor
 protein substrates and their therapeutic uses
 IN Bienkowski, Michael Jerome; Gurney, Mark E.; Heinrikson, Robert Leroy;
 Parodi, Luis A.; Yan, Riqiang
 PA USA
 SO PCT Int. Appl., 185 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049097	A2	20010712	WO 2001-IB797	20010509
	WO 2001049097	A3	20031120		
	W: US				
	US 6699671	B1	20040302	US 1999-416901	19991013
	US 2003077226	A1	20030424	US 2001-869414	20010627
	US 6790610	B2	20040914		
PRAI	US 1999-416901	A1	19991013		
	US 1998-101594P	P	19980924		
	US 1999-155493P	P	19990923		
	US 1999-404133	B2	19990923		
	WO 1999-US20881	A2	19990923		
	WO 2001-IB797	W	20010509		

L3 ANSWER 135 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:746432 SCISEARCH
 GA The Genuine Article (R) Number: 471CP
 TI BACE2 functions as an alternative alpha-secretase in cells
 AU Yan R Q (Reprint); Munzner J B; Shuck M E; Bienkowski M J
 CS Pharmacia Corp, Dept Cell & Mol Biol, 301 Henrietta St, Kalamazoo, MI
 49007 USA (Reprint); Pharmacia Corp, Dept Cell & Mol Biol, Kalamazoo, MI
 49007 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (7 SEP 2001) Vol. 276, No. 36, pp.
 34019-34027.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 35
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 136 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:526590 SCISEARCH
 GA The Genuine Article (R) Number: 446TW
 TI Prodomain processing of Aspl (BACE2) is autocatalytic
 AU Hussain I; Christie G; Schneider K; Moore S; Dingwall C (Reprint)
 CS GlaxoSmithKlin; Neurol Ctr Excellence Drug Discovery, New Frontiers Sci
 Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKlin,
 Neurol Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England;
 GlaxoSmithKlin, Dept Computat & Struct Sci, Harlow CM19 5AW, Essex,
 England
 CYA England
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (29 JUN 2001) Vol. 276, No. 26, pp.
 23322-23328.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 35
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 137 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:392534 SCISEARCH

TI Phosphorylation regulates intracellular trafficking of beta-secretase
 AU Walter J (Reprint); Fluhrer R; Hartung B; Willem M; Kaether C; Capell A;
 Lammich S; Multhaup G; Haass C
 CS Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &
 Parkinsons Dis Res, 44 Schillerstr, D-80336 Munich, Germany (Reprint);
 Univ Munich, Adolf Butenandt Inst, Dept Biochem, Lab Alzheimers &
 Parkinsons Dis Res, D-80336 Munich, Germany; Ctr Mol Biol, D-69120
 Heidelberg, Germany
 CYA Germany
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (4 MAY 2001) Vol. 276, No. 18, pp.
 14634-14641.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 45
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 138 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:339803 SCISEARCH
 GA The Genuine Article (R) Number: 421UK
 TI A splice variant of beta-secretase deficient in the amyloidogenic
 processing of the amyloid precursor protein
 AU Bodendorf U; Fischer F; Bodian D; Multhaup G; Paganetti P (Reprint)
 CS Novartis Pharma AG, Nervous Syst, WSJ-386-8-28, CH-4002 Basel, Switzerland
 (Reprint); Novartis Pharma AG, Nervous Syst, CH-4002 Basel, Switzerland;
 Novartis Pharmaceut Corp, Funct Gen, Summit, NJ 07901 USA; Univ
 Heidelberg, Ctr Mol Biol, D-69120 Heidelberg, Germany
 CYA Switzerland; USA; Germany
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (13 APR 2001) Vol. 276, No. 15, pp.
 12019-12023.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 22
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 139 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:361726 SCISEARCH
 GA The Genuine Article (R) Number: 420AC
 TI Post-translational processing of beta-secretase (beta-amyloid-converting
 enzyme) and its ectodomain shedding - The pro- and transmembrane/cytosolic
 domains affect its cellular activity and amyloid-beta production
 AU Benjannet S; Elagoz A; Wickham L; Mamarbachi M; Munzer J S; Basak A;
 Lazure C; Cromlish J A; Sisodia S; Checler F; Chretien M; Seidah N G
 (Reprint)
 CS Clin Res Inst Montreal, 110 Pine Ave W, Montreal, PQ H2W 1R7, Canada
 (Reprint); Clin Res Inst Montreal, Montreal, PQ H2W 1R7, Canada; Ottawa
 Hosp, Loeb Hlth Res Inst, Dis Aging Unit, Ottawa, ON K1Y 4K9, Canada; Clin
 Res Inst Montreal, Montreal, PQ H2W 1R7, Canada; Univ Chicago, Dept
 Pharmacol & Physiol Sci, Chicago, IL 60637 USA; CNRS, Inst Pharmacol Mol &
 Cellulaire, UPR 411, F-06560 Valbonne, France
 CYA Canada; USA; France
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (6 APR 2001) Vol. 276, No. 14, pp.
 10879-10887.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 48
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 140 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:321164 SCISEARCH
 GA The Genuine Article (R) Number: 420GC
 TI The Pro domain of beta-secretase does not confer strict zymogen-like
 properties but does assist proper folding of the protease domain
 AU Shi X P; Chen E; Yin K C; Na S; Garsky V M; Lai M T; Li Y M; Platchek M;

Garðell S J (Reprint)
 CS Merck Res Labs, Dept Biol Chem, WP42-213, W Point, PA 19486 USA (Reprint);
 Merck Res Labs, Dept Biol Chem, W Point, PA 19486 USA; Merck Res Labs,
 Dept Med Chem, W Point, PA 19486 USA
 CYA USA
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAR 2001) Vol. 276, No. 13, pp.
 10366-10373.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 27
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 141 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2001:165074 SCISEARCH
 GA The Genuine Article (R) Number: 401HB
 TI Processing of beta-secretase by furin and other members of the proprotein
 convertase family
 AU Creemers J W M; Dominguez D I; Plets E; Serneels L; Taylor N A; Multhaup
 G; Craessaerts K; Annaert W; De Strooper D (Reprint)
 CS Katholieke Univ Leuven, Neuronal Cell Biol Lab, B-3000 Louvain, Belgium
 (Reprint); Katholieke Univ Leuven, Mol Oncol Lab, Ctr Human Genet, B-3000
 Louvain, Belgium; Flemish Interuniv Inst Biotechnol, B-3000 Louvain,
 Belgium; Univ Heidelberg, ZMBH, D-6900 Heidelberg, Germany
 CYA Belgium; Germany
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (9 FEB 2001) Vol. 276, No. 6, pp.
 4211-4217.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
 PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DT Article; Journal
 LA English
 REC Reference Count: 37
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 142 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2002:22853 BIOSIS
 DN PREV200200022853
 TI Production and accumulation of different amyloid beta peptides in brain
 and cerebrospinal fluid of rodents and in transfected cell-lines.
 AU Pype, S. [Reprint author]; Geraerts, M. [Reprint author]; Vandermeeren, M.
 [Reprint author]; Bouyaghroumni, M. [Reprint author]; Brepoels, E.
 [Reprint author]; Van Hove, C. [Reprint author]; Dillen, L. [Reprint
 author]; Mercken, M. [Reprint author]
 CS Neurobiochemistry, Janssen Res. Found., Beerse, Belgium
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2557.
 print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
 Diego, California, USA. November 10-15, 2001.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 26 Dec 2001
 Last Updated on STN: 26 Feb 2002

L3 ANSWER 143 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
 AN 2001:532970 SCISEARCH
 GA The Genuine Article (R) Number: 446HZ
 TI Association studies using novel polymorphisms in ***BACE1*** and BACE2
 AU Nowotny P; Kwon J M; Chakraverty S; Nowotny V; Morris J C; Goate A M
 (Reprint)
 CS Washington Univ, Sch Med, Dept Psychiat B8134, 660 S Euclid St, St Louis,
 MO 63110 USA (Reprint); Washington Univ, Sch Med, Dept Psychiat B8134, St
 Louis, MO 63110 USA; Washington Univ, Sch Med, Dept Neurol, St Louis, MO
 63110 USA; Washington Univ, Sch Med, Dept Genet, St Louis, MO 63110 USA
 CYA USA
 SO NEUROREPORT, (3 JUL 2001) Vol. 12, No. 9, pp. 1799-1802.
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
 19106-3621 USA.

DT Article; Journal
LA English
REC Reference Count: 24
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 144 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
AN 2001:547770 BIOSIS
DN PREV200100547770
TI Cellular mechanisms of lipid mediated regulation of ***Alzheimers***
disease Abeta secretases and presenilin localization.
AU Hartmann, T. [Reprint author]; Bergmann, C. [Reprint author]; Runz, H.
[Reprint author]; Grziwa, B. [Reprint author]; Grimm, H. [Reprint author];
Keller, P.; Simons, M.; Pepperkok, R.; Fassbender, K.; Zhang, D.;
Beyreuther, K. [Reprint author]
CS Molec Biol, Univ Heidelberg, Heidelberg, Germany
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 1518.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 21 Nov 2001
Last Updated on STN: 25 Feb 2002

L3 ANSWER 145 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2001:682007 SCISEARCH
GA The Genuine Article (R) Number: 466GE
TI Compartmentalization of beta-secretase (***Asp2***) into low-buoyant
density, noncaveolar lipid rafts
AU Riddell D R; Christie G; Hussain I; Dingwall C (Reprint)
CS GlaxoSmithKline, Neurol Ctr Excellence Drug Discovery, New Frontiers Sci
Pk, 3rd Ave, Harlow CM19 5AW, Essex, England (Reprint); GlaxoSmithKline,
Neurol Ctr Excellence Drug Discovery, Harlow CM19 5AW, Essex, England
CYA England
SO CURRENT BIOLOGY, (21 AUG 2001) Vol. 11, No. 16, pp. 1288-1293.
Publisher: CELL PRESS, 1100 MASSACHUSETTES AVE,, CAMBRIDGE, MA 02138 USA.
ISSN: 0960-9822.
DT Article; Journal
LA English
REC Reference Count: 32
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 146 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2002:25953 SCISEARCH
GA The Genuine Article (R) Number: 505BV
TI Ibuprofen decreases cytokine-induced amyloid beta production in neuronal
cells
AU Blasko I; Apochal A; Boeck G; Hartmann T; Grubeck-Loebenstien B (Reprint);
Ransmayr G
CS Austrian Acad Sci, Inst Biomed Aging Res, Innsbruck, Austria (Reprint);
Univ Innsbruck Hosp, Dept Neurol, A-6020 Innsbruck, Austria; Innsbruck
Univ, Inst Pathophysiol, A-6020 Innsbruck, Austria; Univ Heidelberg, Ctr
Mol Biol, D-6900 Heidelberg, Germany
CYA Austria; Germany
SO NEUROBIOLOGY OF DISEASE, (DEC 2001) Vol. 8, No. 6, pp. 1094-1101.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
92101-4495 USA.
ISSN: 0969-9961.
DT Article; Journal
LA English
REC Reference Count: 25
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 147 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
AN 2001:480297 SCISEARCH
GA The Genuine Article (R) Number: 440TH
TI Statine-derived tetrapeptide inhibitors of beta-secretase - Elan Pharm.,
Inc.: WO0077030
AU ANON

1047-1050.

Publisher: ASHLEY PUBLICATIONS LTD, UNITEC HOUSE, 3RD FL, 2 ALBERT PLACE
FINCHLEY CENTRAL, LONDON N3 1QB, ENGLAND.

ISSN: 1354-3776.

DT Article; Journal

LA English

REC Reference Count: 28

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 148 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2001:210557 SCISEARCH

GA The Genuine Article (R) Number: 405GN

TI Characterization of recombinant, soluble beta-secretase from an insect
cell expression system

AU Mallender W D; Yager D; Onstead L; Nichols M R; Eckman C; Sambamurti K;
Kopcho L M; Marcinkeviciene J; Copeland R A; Rosenberry T L (Reprint)

CS Mayo Clin Jacksonville, Mayo Fdn Med Educ & Res, Dept Pharmacol, 4500 San
Pablo Rd, Jacksonville, FL 32224 USA (Reprint); Mayo Clin Jacksonville,
Mayo Fdn Med Educ & Res, Dept Pharmacol, Jacksonville, FL 32224 USA; Mayo
Clin Jacksonville, Mayo Fdn Med Educ & Res, Dept Res, Jacksonville, FL
32224 USA; Dupont Pharmaceut Co, Dept Chem Enzymol, Wilmington, DE USA

CYA USA

SO MOLECULAR PHARMACOLOGY, (MAR 2001) Vol. 59, No. 3, pp. 619-626.

Publisher: AMER SOC PHARMACOLOGY EXPERIMENTAL THERAPEUTICS, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3998 USA.

ISSN: 0026-895X.

DT Article; Journal

LA English

REC Reference Count: 41

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 149 OF 170 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN DUPLICATE 9

AN 2001:560122 BIOSIS

DN PREV200100560122

TI Amyloid beta-secretase gene (***BACE***) is neither mutated nor
associated with early-onset ***Alzheimers*** ***disease***

AU Cruts, M. [Reprint author]; Dermaut, B. [Reprint author]; Rademakers, R.
[Reprint author]; Roks, G.; Van den Broeck, M. [Reprint author]; Munteanu,
G. [Reprint author]; van Duijn, C. M. [Reprint author]; Van Broeckhoven,
C. [Reprint author]

CS Department of Biochemistry, Flanders Interuniversity Institute for
Biotechnology (VIB), University of Antwerp (U.I.A.), Antwerpen, Belgium

SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4
Supplement, pp. 546. print.

Meeting Info.: 51st Annual Meeting of the American Society of Human
Genetics. San Diego, California, USA. October 12-16, 2001.

CODEN: AJHGAG. ISSN: 0002-9297.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

Conference; (Meeting Poster)

LA English

ED Entered STN: 5 Dec 2001

Last Updated on STN: 25 Feb 2002

L3 ANSWER 150 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2001:544030 SCISEARCH

GA The Genuine Article (R) Number: 442AF

TI Convertases other than furin cleave beta-secretase to its mature form

AU Pinnix I; Council J E; Roseberry B; Onstead L; Mallender W; Sucic J;

Sambamurti K (Reprint)

CS Mayo Clin, Dept Neurosci, 4500 San Pablo Rd, Jacksonville, FL 32224 USA
(Reprint); Mayo Clin, Dept Neurosci, Jacksonville, FL 32224 USA; Univ
Michigan, Dept Biol, Flint, MI 48502 USA

CYA USA

SO FASEB JOURNAL, (JUN 2001) Vol. 15, No. 8, pp. U515-U532.

Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD
20814-3998 USA.

ISSN: 0892-6638.

DT Article; Journal

LA English

REC Reference Count: 53

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 151 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:467907 SCISEARCH
 GA The Genuine Article (R) Number: 438AZ
 TI Neuronal and glial beta-secretase (***BACE***) protein expression in
 transgenic Tg2576 mice with amyloid plaque pathology
 AU Rossner S (Reprint); Apelt J; Schliebs R; Perez-Polo J R; Bigl V
 CS Univ Leipzig, Dept Neurochem, Paul Flechsig Inst Brain Res, Jahnallee 59,
 D-04109 Leipzig, Germany (Reprint); Univ Leipzig, Dept Neurochem, Paul
 Flechsig Inst Brain Res, D-04109 Leipzig, Germany; Univ Texas, Med Branch,
 Dept Human Biol Chem & Genet, Galveston, TX 77550 USA
 CYA Germany; USA
 SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 JUN 2001) Vol. 64, No. 5, pp.
 437-446.
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,
 NY 10158-0012 USA.
 ISSN: 0360-4012.
 DT Article; Journal
 LA English
 REC Reference Count: 38
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 152 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:210757 SCISEARCH
 GA The Genuine Article (R) Number: 405UE
 TI ***BACE1*** is the major beta-secretase for generation of A beta
 peptides by neurons
 AU Cai H B; Wang Y S; McCarthy D; Wen H J; Borchelt D R; Price D L; Wong P C
 (Reprint)
 CS Johns Hopkins Univ, Sch Med, Dept Pathol, Baltimore, MD 21205 USA
 (Reprint); Johns Hopkins Univ, Sch Med, Dept Neurol, Baltimore, MD 21205
 USA; Johns Hopkins Univ, Sch Med, Dept Neurosci, Baltimore, MD 21205 USA;
 Johns Hopkins Univ, Sch Med, Dept Mol Biol & Genet, Baltimore, MD 21205
 USA; Johns Hopkins Univ, Sch Med, Program Cellular & Mol Med, Baltimore,
 MD 21205 USA; CIPHERGEN BIOSYST, Fremont, CA 94555 USA
 CYA USA
 SO NATURE NEUROSCIENCE, (MAR 2001) Vol. 4, No. 3, pp. 233-234.
 Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707
 USA.
 ISSN: 1097-6256.
 DT Article; Journal
 LA English
 REC Reference Count: 15

L3 ANSWER 153 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:72027 SCISEARCH
 GA The Genuine Article (R) Number: 390XV
 TI beta-site APP cleaving enzyme mRNA expression in APP transgenic mice -
 Anatomical overlap with transgene expression and static levels with aging
 AU Irizarry M C; Locascio J J; Hyman B T (Reprint)
 CS Massachusetts Gen Hosp, Alzheimers Dis Res Unit, 149 13th St, Charlestown,
 MA 02129 USA (Reprint); Massachusetts Gen Hosp, Alzheimers Dis Res Unit,
 Charlestown, MA 02129 USA; MIT, Dept Brain & Cognit Sci, Cambridge, MA
 02139 USA
 CYA USA
 SO AMERICAN JOURNAL OF PATHOLOGY, (JAN 2001) Vol. 158, No. 1, pp. 173-177.
 Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,
 BETHESDA, MD 20814-3993 USA.
 ISSN: 0002-9440.
 DT Article; Journal
 LA English
 REC Reference Count: 31
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 154 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:982611 SCISEARCH
 GA The Genuine Article (R) Number: 500AG
 TI The functional gamma-secretase inhibitor prevents production of amyloid
 beta 1-34 in human and murine cell lines
 AU Vandermeeren M; Geraerts M; Pype S (Reprint); Dillen L; Van Hove C;
 Mercken M
 CS Janssen Res Fdn, CNS Discovery Res, Turnhoutseweg 30, B-2340 Beerse,

Belgium; Janssen Res Fdn, Genom Technol, B-2340 Beerse, Belgium
 CYA Belgium
 SO NEUROSCIENCE LETTERS, (27 NOV 2001) Vol. 315, No. 3, pp. 145-148.
 Publisher: ELSEVIER SCI IRELAND LTD, CUSTOMER RELATIONS MANAGER, BAY 15,
 SHANNON INDUSTRIAL ESTATE CO, CLARE, IRELAND.
 ISSN: 0304-3940.
 DT Article; Journal
 LA English
 REC Reference Count: 15
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 155 OF 170 IMSDRUGNEWS COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2000:3348 IMSDRUGNEWS
 TITLE: ***memapsin*** ***2*** inhibitors, Zapag Oklahoma
 Medical Research Foundation therapeutic approach
 identified
 SOURCE: R&D Focus Drug News (16 Oct 2000).
 WORD COUNT: 82

L3 ANSWER 156 OF 170 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:573830 CAPLUS
 DN 133:189858
 TI Beta-secretase and methods for screening for beta-secretase inhibitors
 useful for treatment of cerebrovascular amyloidosis
 IN Anderson, John P.; Basi, Gurigbal; Doane, Minh Tam; Frigon, Normand; John,
 Varghese; Power, Michael; Sinha, Sukanto; Tatsuno, Gwen; Tung, Jay; Wang,
 Shuwen; Mcconlogue, Lisa
 PA Elan Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 121 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047618	A2	20000817	WO 2000-US3819	20000210
	WO 2000047618	A3	20010907		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2359785	AA	20000817	CA 2000-2359785	20000210
	AU 2000040009	A5	20000829	AU 2000-40009	20000210
	EP 1165609	A2	20020102	EP 2000-919298	20000210
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	GB 2364059	A1	20020116	GB 2001-21314	20000210
	GB 2364059	B2	20040114		
	JP 2003524393	T2	20030819	JP 2000-598533	20000210
	EP 1445263	A1	20040811	EP 2004-6991	20000210
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	US 6627739	B1	20030930	US 2000-724566	20001128
PRAI	US 1999-119571P	P	19990210		
	US 1999-139172P	P	19990615		
	EP 2000-919298	A3	20000210		
	US 2000-501708	A1	20000210		
	WO 2000-US3819	W	20000210		

L3 ANSWER 157 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN

AN 2000:777540 SCISEARCH
 GA The Genuine Article (R) Number: 362DE
 TI Maturation and pro-peptide cleavage of beta-secretase
 AU Capell A; Steiner H; Willem M; Kaiser H; Meyer C; Walter J; Lammich S;
 Multhaup G; Haass C (Reprint)
 CS UNIV MUNICH, ADOLF BUTENANDT INST, DEPT BIOCHEM, LAB ALZHEIMERS DIS RES,
 SCHILLERSTR 44, D-80336 MUNICH, GERMANY (Reprint); UNIV MUNICH, ADOLF
 BUTENANDT INST, DEPT BIOCHEM, LAB ALZHEIMERS DIS RES, D-80336 MUNICH,
 GERMANY; UNIV HEIDELBERG, CTR MOL BIOL ZMBH, D-69120 HEIDELBERG, GERMANY
 CYA GERMANY

30849-30854.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 31

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 158 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2000:534362 SCISEARCH

GA The Genuine Article (R) Number: 332QG

TI Expression analysis of BACE2 in brain and peripheral tissues

AU Bennett B D; BabuKhan S; Loeloff R; Louis J C; Curran E; Citron M; Vassar R (Reprint)

CS AMGEN INC, 1 AMGEN CTR DR, M-S 29-2-B, THOUSAND OAKS, CA 91320 (Reprint);
AMGEN INC, THOUSAND OAKS, CA 91320

CYA USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (7 JUL 2000) Vol. 275, No. 27, pp.
20647-20651.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 28

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 159 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2000:785734 SCISEARCH

GA The Genuine Article (R) Number: 363CB

TI Proteolytic activation of recombinant pro- ***memapsin*** ***2***
(pro-beta-secretase) studied with new fluorogenic substrates

AU Ermolieff J; Loy J A; Koelsch G; Tang J (Reprint)

CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,
OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA
CITY, OK 73104; UNIV OKLAHOMA, HLTH SCI CTR, DEPT BIOCHEM & MOL BIOL,
OKLAHOMA CITY, OK 73104

CYA USA

SO BIOCHEMISTRY, (10 OCT 2000) Vol. 39, No. 40, pp. 12450-12456.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036.

ISSN: 0006-2960.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 25

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 160 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN

AN 2000:644266 SCISEARCH

GA The Genuine Article (R) Number: 345XM

TI BACE2, a beta-secretase homolog; cleaves at the beta site and within the
amyloid-beta region of the amyloid-beta precursor protein

AU Farzan M (Reprint); Schnitzler C E; Vasilieva N; Leung D; Choe H

CS DANA FARBER CANC INST, DEPT CANC IMMUNOL & AIDS, BOSTON, MA 02115
(Reprint); CHILDRENS HOSP, DEPT PATHOL, BOSTON, MA 02115; CHILDRENS HOSP,
PERLMUTTER LAB, BOSTON, MA 02115; HARVARD UNIV, SCH MED, DEPT MED, BOSTON,
MA 02115

CYA USA

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (15 AUG 2000) Vol. 97, No. 17, pp. 9712-9717.

Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC
20418.

ISSN: 0027-8424.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 29

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

on STN
 AN 2000:796905 SCISEARCH
 GA The Genuine Article (R) Number: 365AA
 TI Coordinated expression of beta-amyloid precursor protein and the putative
 beta-secretase ***BACE*** and alpha-secretase ADAM10 in mouse and
 human brain
 AU Marcinkiewicz M (Reprint); Seidah N G
 CS CLIN RES INST MONTREAL, BIOCHEM NEUROENDOCRINOL LAB, 110 PINE AVE W,
 MONTREAL, PQ H2W 1R7, CANADA (Reprint)
 CYA CANADA
 SO JOURNAL OF NEUROCHEMISTRY, (NOV 2000) Vol. 75, No. 5, pp. 2133-2143.
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
 19106-3621.
 ISSN: 0022-3042.
 DT Article; Journal
 FS LIFE
 LA English
 REC Reference Count: 47
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 162 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2000:480554 SCISEARCH
 GA The Genuine Article (R) Number: 326KM
 TI Proteolytic processing and cell biological functions of the amyloid
 precursor protein
 AU DeStrooper B (Reprint); Annaert W
 CS FLANDERS INTERUNIV INST BIOTECHNOL, CTR HUMAN GENET, LOUVAIN, BELGIUM
 (Reprint); KATHOLIEKE UNIV LEUVEN, LOUVAIN, BELGIUM
 CYA BELGIUM
 SO JOURNAL OF CELL SCIENCE, (JUN 2000) Vol. 113, No. 11, pp. 1857-1870.
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL
 PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.
 ISSN: 0021-9533.
 DT General Review; Journal
 FS LIFE
 LA English
 REC Reference Count: 202
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 163 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2000:166635 SCISEARCH
 GA The Genuine Article (R) Number: 285VU
 TI Human aspartic protease ***memapsin*** ***2*** cleaves the
 beta-secretase site of beta-amyloid precursor protein
 AU Lin X L; Koelsch C; Wu S L; Downs D; Dashti A; Tang J (Reprint)
 CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,
 OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA
 CITY, OK 73104; UNIV OKLAHOMA, HLTH SCI CTR, DEPT BIOCHEM & MOL BIOL,
 OKLAHOMA CITY, OK 73104
 CYA USA
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (15 FEB 2000) Vol. 97, No. 4, pp. 1456-1460.
 Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC
 20418.
 ISSN: 0027-8424.
 DT Article; Journal
 FS LIFE
 LA English
 REC Reference Count: 18
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 164 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2000:920752 SCISEARCH
 GA The Genuine Article (R) Number: 378XT
 TI ASP1 (BACE2) cleaves the amyloid precursor protein at the beta-secretase
 site
 AU Hussain I; Powell D J; Howlett D R; Chapman G A; Gilmour L; Murdock P R;
 Tew D G; Meek T D; Chapman C; Schneider K; Ratcliffe S J; Tattersall D;
 Testa T T; Southan C; Ryan D M; Simmons D L; Walsh F S; Dingwall C;
 Christie G (Reprint)
 CS SMITHKLINE BEECHAM PHARMACEUT, DEPT NEUROSCI RES, NEW FRONTIERS SCI PK,
 HARLOW CM19 5AW, ESSEX, ENGLAND (Reprint); SMITHKLINE BEECHAM PHARMACEUT,

PHARMACEUT, DEPT MOL SCREENING TECHNOL, HARLOW CM19 5AW, ESSEX, ENGLAND;
 SMITHKLINE BEECHAM PHARMACEUT, DEPT BIOTECHNOL & GENET, HARLOW CM19 5AW,
 ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT DISCOVERY CHEM, HARLOW
 CM19 5AW, ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT BIOINFORMAT,
 HARLOW CM19 5AW, ESSEX, ENGLAND; SMITHKLINE BEECHAM PHARMACEUT, DEPT MED
 CHEM, KING OF PRUSSIA, PA 19406; SMITHKLINE BEECHAM PHARMACEUT, DEPT MOL
 SCREENING TECHNOL, KING OF PRUSSIA, PA 19406
 CYA ENGLAND; USA
 SO MOLECULAR AND CELLULAR NEUROSCIENCE, (NOV 2000) Vol. 16, No. 5, pp.
 609-619.
 Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
 92101-4495.
 ISSN: 1044-7431.
 DT Article; Journal
 FS LIFE
 LA English
 REC Reference Count: 34
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 165 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2001:149665 SCISEARCH
 GA The Genuine Article (R) Number: 400MG
 TI Amyloid precursor protein beta-secretase (***BACE***) mRNA expression
 in human neural cell lines following induction of neuronal differentiation
 and exposure to cytokines and growth factors
 AU Satoh J (Reprint); Kuroda Y
 CS Saga Med Sch, Dept Internal Med, Div Neurol, Saga 8498501, Japan
 CYA Japan
 SO NEUROPATHOLOGY, (DEC 2000) Vol. 20, No. 4, pp. 289-296.
 Publisher: BLACKWELL SCIENCE ASIA, 54 UNIVERSITY ST, P O BOX 378, CARLTON,
 VICTORIA 3053, AUSTRALIA.
 ISSN: 0919-6544.
 DT Article; Journal
 LA English
 REC Reference Count: 32
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 166 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2000:764037 SCISEARCH
 GA The Genuine Article (R) Number: 361LP
 TI Structure of the protease domain of ***memapsin*** ***2***
 (beta-secretase) complexed with inhibitor
 AU Hong L; Koelsch G; Lin X L; Wu S L; Terzyan S; Ghosh A K; Zhang X C; Tang
 J (Reprint)
 CS OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, 825 NE 13TH ST, OKLAHOMA CITY,
 OK 73104 (Reprint); OKLAHOMA MED RES FDN, PROT STUDIES PROGRAM, OKLAHOMA
 CITY, OK 73104; OKLAHOMA MED RES FDN, CRYSTALLOG PROGRAM, OKLAHOMA CITY,
 OK 73104; UNIV ILLINOIS, DEPT CHEM, CHICAGO, IL 60607; UNIV OKLAHOMA, HLTH
 SCI CTR, DEPT BIOCHEM & MOL BIOL, OKLAHOMA CITY, OK 73104
 CYA USA
 SO SCIENCE, (6 OCT 2000) Vol. 290, No. 5489, pp. 150-153.
 Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW,
 WASHINGTON, DC 20005.
 ISSN: 0036-8075.
 DT Article; Journal
 FS PHYS; LIFE; AGRI
 LA English
 REC Reference Count: 32
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 167 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
 on STN
 AN 2000:160579 SCISEARCH
 GA The Genuine Article (R) Number: 286PA
 TI The gene encoding DRAP (BACE2), a glycosylated transmembrane protein of
 the aspartic protease family, maps to the Down critical region
 AU Acquati F; Accarino M; Nucci C; Fumagalli P; Jovine L; Ottolenghi S;
 Taramelli R (Reprint)
 CS UNIV INSUBRIA, DIPARTIMENTO STRUTTURALE & FUNZIONALE, VIA DUNANT 3,
 VARESE, ITALY (Reprint); UNIV INSUBRIA, DIPARTIMENTO STRUTTURALE &
 FUNZIONALE, VARESE, ITALY; UNIV MILAN, DIPARTIMENTO GENET & BIOL
 MICRORGANISMI, MILAN, ITALY; OSPED SAN RAFFAELE, IRCCS, I-20132 MILAN,
 ITALY; MRC, MOL BIOL LAB, STRUCT STUDIES DIV, CAMBRIDGE CB2 2QH, ENGLAND

SO FEBS LETTERS, (18 FEB 2000) Vol. 468, No. 1, pp. 59-64.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0014-5793.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 34
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 168 OF 170 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
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AN 2000:797154 SCISEARCH
GA The Genuine Article (R) Number: 365BZ
TI Regulation of APP cleavage by alpha-, beta- and gamma-secretases
AU Nunan J; Small D H (Reprint)
CS UNIV MELBOURNE, DEPT PATHOL, MOL NEUROBIOL LAB, MELBOURNE, VIC 3010,
AUSTRALIA (Reprint); UNIV MELBOURNE, DEPT PATHOL, MOL NEUROBIOL LAB,
MELBOURNE, VIC 3010, AUSTRALIA

CYA AUSTRALIA
SO FEBS LETTERS, (13 OCT 2000) Vol. 483, No. 1, pp. 6-10.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0014-5793.

DT General Review; Journal
FS LIFE
LA English
REC Reference Count: 51
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 169 OF 170 FEDRIP COPYRIGHT 2005 NTIS on STN

AN 2004:152026 FEDRIP
NR CRISP 2P01AG011542-11 0005
TI NOVEL AB FRAGMENTS AS MEDIATORS OF ***ALZHEIMERS*** ***DISEASE***
SF Principal Investigator: LEE, VIRGINIA M; UNIV OF PENNSYLVANIA, 3600 SPRUCE
ST/MALONEY BLDG/FL 3, PHILADELPHIA, PA 19104
CSP UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA
CSS Supported By: NATIONAL INSTITUTE ON AGING
DB 2009 (/01/97)
FYR 2003
DE 2008 (/31/08)
FU Competing Continuation (Type 2)
FS National Institutes of Health

L3 ANSWER 170 OF 170 IMSRESEARCH COPYRIGHT 2005 IMSWORLD on STN

ACCESSION NUMBER: 2000:901 IMSRESEARCH
SOURCE: R&D Focus, (18 Aug 2003)
GENERIC NAME: ***memapsin 2 inhibitors, Zapaq*** ; ***Alzheimers***
*** disease therapy, Zapaq***

STRUCTURE:

STRUCTURE DIAGRAM IS NOT AVAILABLE

CLASSIFICATION: N7D9 All Other Anti-Alzheimer Products
HIGHEST DEV. PHASE: Preclinical (20)

COMPANY INFORMATION:

Type	Company	Nationality
Originator	Illinois University	United States
Licensors	Oklahoma Medical Research Foundation	United States
Licensee	Zapaq	United States

STN INTERNATIONAL LOGOFF AT 16:23:26 ON 14 JAN 2005